



RECORDS



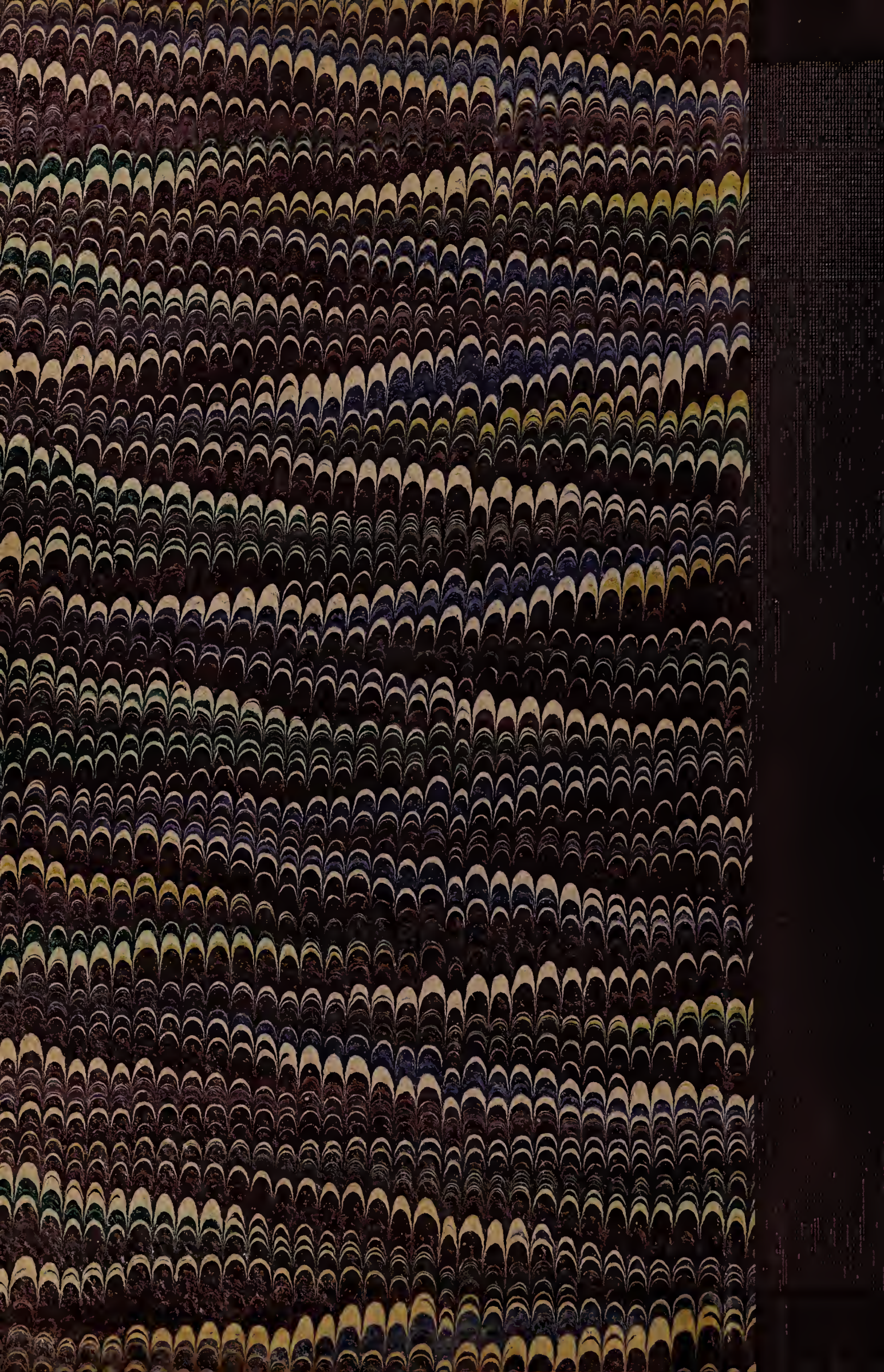
STATE FOREST

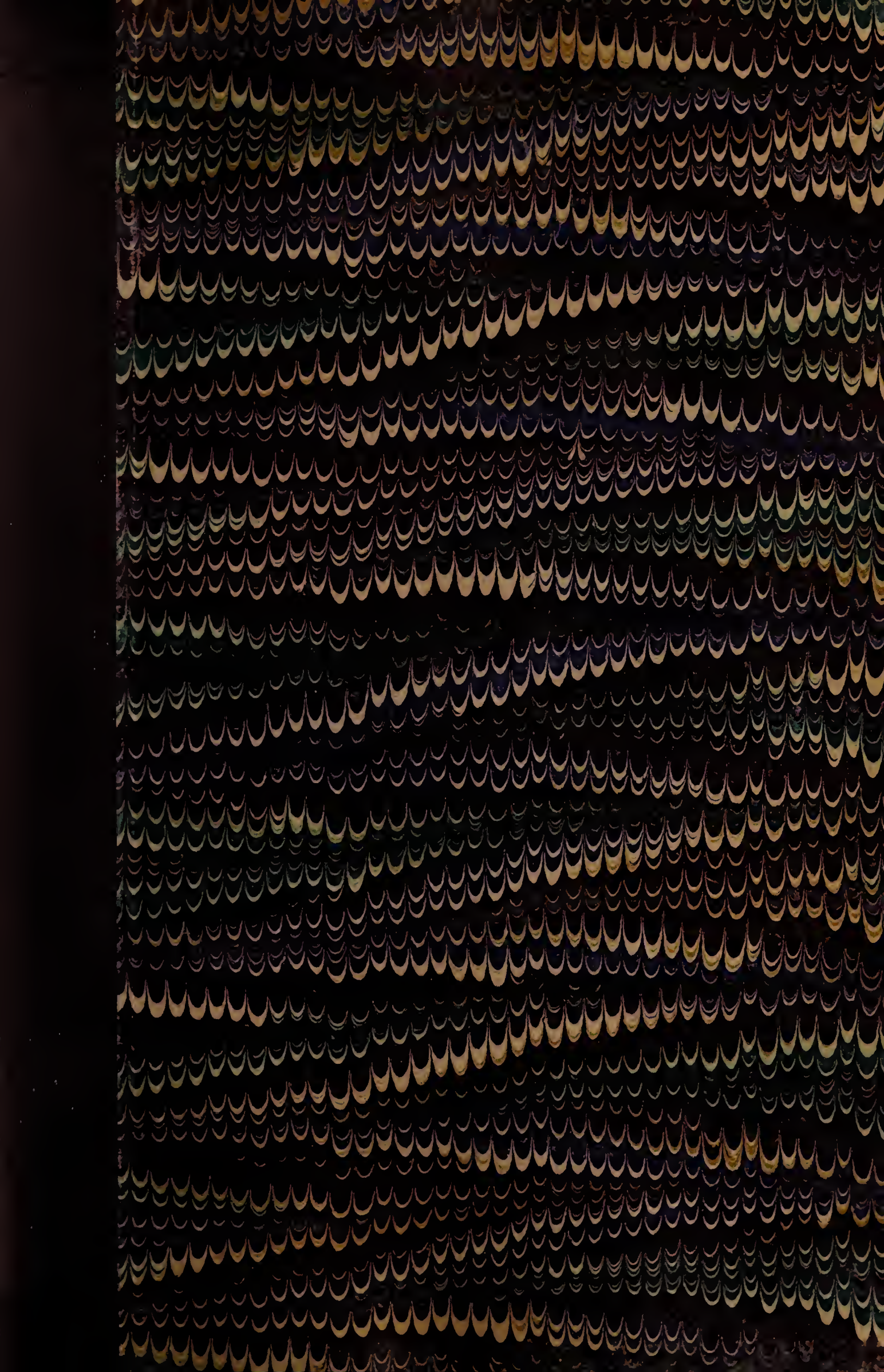


COMMISSION



WILLIAM PATENT





Remove rod in front of book, take out the sheets to be typewritten and return rod to former position; place written sheets in back of book in consecutive order, and when all are written and thus filed the rods may be broken and the book locked.

McMILLAN BOOK CO.,
SYRACUSE, N. Y.

Boston August 27, 28, 1914.

Mr. Harvey N. Shepard being in Europe, the Commission found it impossible to effect an organization, and a preliminary trip of inspection was made by Mr. Parker and Mr. Rane covering most of Worcester County. This trip covered two days, August 27th and 28th, and much valuable information was obtained by the Commissioners relative to the possibility of acquiring land in said county. The forest fire lookout-station on Mount Wachusett was visited, which enabled the Commission to obtain a general idea of the character of the country of the entire northern part of Worcester County.

Boston, September 16, 1914.

The first meeting of the Massachusetts State Forest Commission was held at the office of the State Forester, 6 Beacon Street, Boston.

The Commission was organized by electing Harold Parker Chairman.

Charles O. Bailey was elected Secretary of the Commission.

After a general discussion of matters relating to the work of the Commission, the following business was transacted:-

V O T E D that Commissioner Rane make the necessary arrangements for a tour of inspection by the Commission during the early part of October, he to determine the itinerary.

V O T E D to procure a map of the Walker Lithograph Company drawn on a scale of two miles to an inch, the cost of such a map being about twenty-five dollars.

V O T E D that office furniture be obtained from the Sergeant-at-Arms.

Members of the Commission present: Harold Parker, F. W. Rane, and Harvey N. Shepard.

Meeting adjourned at 4 o'clock P.M.

Charles O. Bailey

S e c r e t a r y.

Boston, October 6, 7, 8, 1914.

The first tour of inspection made by the Commission after its organization began on October 6th, when the Commission covered parts of Plymouth, Bristol, and Barnstable counties. In addition to inspecting a great deal of land of the type desired by the Commission for state forests, visits were made to the following forest fire lookout-stations: Hanson, Plymouth, Bourne, Barnstable, Falmouth, and Fall River. The night of October 6th was spent at Sagamore, and the following day the Commission were the guests at a luncheon given by the Mayor of New Bedford and other city officials. The night of the 7th the Commission stopped at Mansfield.

On these trips especial attention was given the land lying between the towns of Bourne and Falmouth, as in that section there are large areas of land admirably adapted to the purposes of the Commission.

Boston, October 8, 1914.

Chairman Parker, with the Secretary, Mr. Bailey, had a conference with Dr. Field, Chairman of the Fish and Game Commission, and were informed that that Commission owned six hundred acres of land on Martha's Vineyard Island and had an option on one thousand acres more. Dr. Field also informed them that between West Tisbury and Edgartown there was a tract of land containing over twenty-five hundred acres owned by a German, which could probably be acquired at a price not exceeding one dollar and fifty cents per acre. It was decided that a thorough examination and investigation of these tracts would be made by the Forest Commission later in the season,

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Boston, October, 1914.

For the purpose of obtaining information relative to available lands, on October 7th a circular letter was sent by the Commission to the mayors of cities, chairmen of boards of selectmen of towns, and forest wardens throughout the State, which read as follows:-

"The State Forest Commission, created by Chap. 720, Acts of 1914, has recently organized with headquarters at 6 Beacon St., Boston. The duty of this commission as defined by the act, is the acquisition of wild and waste lands situated within the Commonwealth for the purpose of converting them into state forests. Believing that there is no question of greater economic importance in its relation to the future development and prosperity of the state than forestry, the commission earnestly solicits the cooperation of all citizens in its efforts to consummate this commendable endeavor of Massachusetts along the lines of conservation.

It is without doubt a fact that a great majority of the towns in the state contain many acres of land unsuited for agricultural purposes. It is the acquisition of land of this type with which the commission is charged, and in order to obtain definite information with regard to the distribution and possibility of acquiring land, the commission is causing copies of this letter to be sent to the selectmen and forest wardens of towns throughout the state. Confident that most of our town officials will readily appreciate the advantages of having established near them a state forest, both from an economic and an aesthetic standpoint, the commission hopes to find a ready response to this request for information.

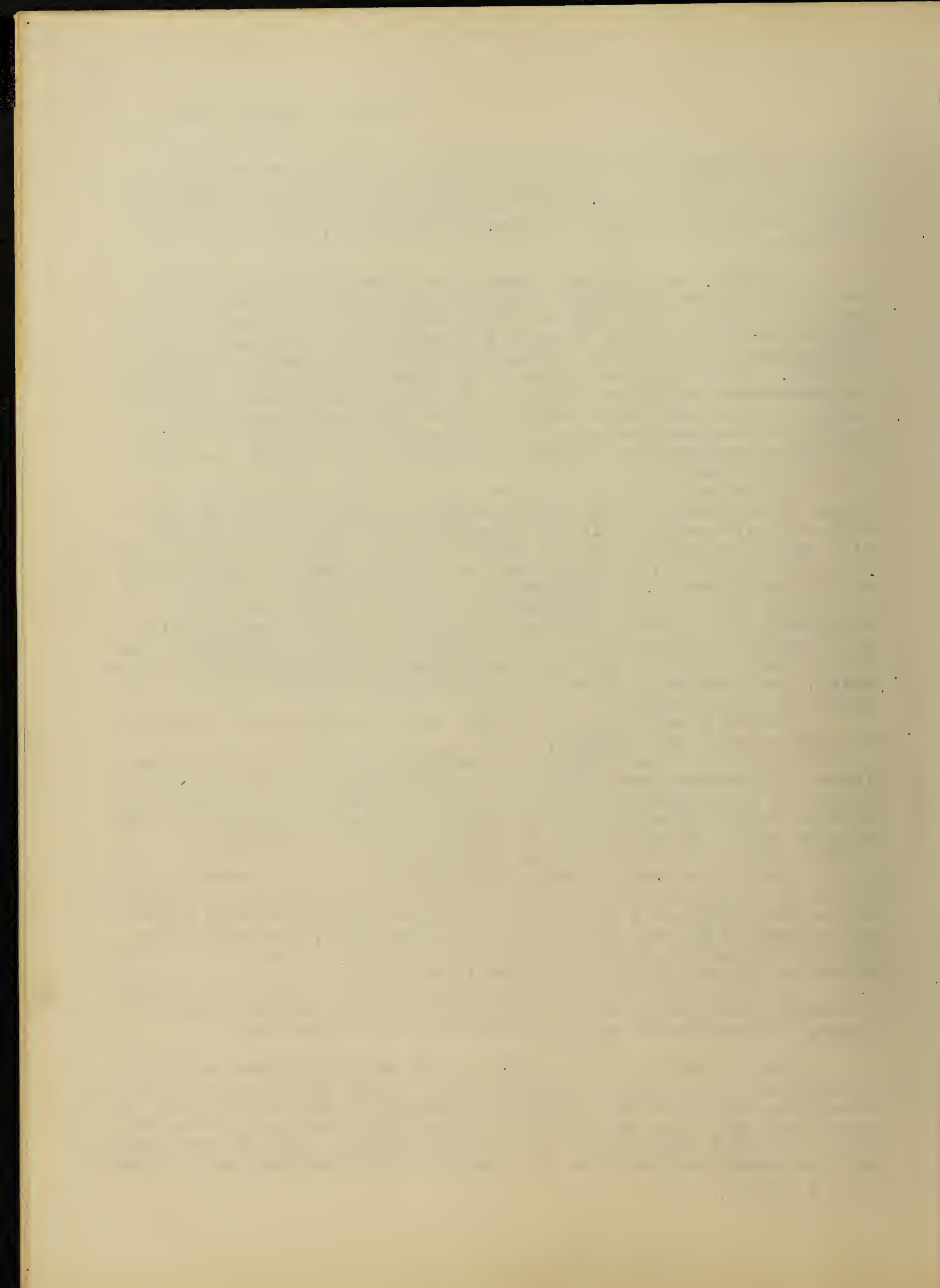
In the discharge of its duty, the commission will endeavor to keep in mind two objects:

1st - As state forests are intended to serve as an object lesson to educate land owners to a realization of their opportunities, the geographical location of the forests will be carefully studied by the commission. It is their purpose to establish them at such points in the state as will make them accessible to as large a number of our citizens as possible.

2nd - The cost of land will of necessity be a determining factor in locating the forests, as section two of the act restricts the average cost of land purchased by the commission to a price not exceeding \$5 per acre. At the present time, the commission has decided not to consider any proposition that would involve the purchase of less than 1,000 acres in one tract.

If, in your opinion, such a tract may be acquired in your vicinity, even though it may be situated in one or more adjoining towns, the commission would appreciate the information"

The responses to the above letter were numerous, and while a large majority reported that no land of the type asked for by the Commission was obtainable in their respective regions, several reports indicated the possibility of acquiring just such tracts as would meet the requirements of the Commission. Most of the latter reports came from the Cape Cod country and the extreme western part of the State.



State Forest Commissioners' Trip,
October 19 to 24, inclusive, 1914.

The second extended trip of inspection taken by the Commission began on October 19th. Leaving Boston by automobile, the Commission examined that day the sandy barrens and burned over lands in the town of Sudbury and the waste lands in North Lancaster. The night was spent at Gardner.

On Tuesday, October 20th, the California lot of ninety acres set to white pine was visited at Gardner, and the burned over tract of several thousand acres in the towns of Erving and Wendell were examined. The Commission then proceeded to the Montague Plains country, a sandy, inferior type of land consisting of approximately fifteen thousand acres. From Montague the trip was continued through Leverett and Sunderland to Amherst, which was reached at noon. Here the Commission was joined by Mr. Walter D. Cowles, a large forest owner of North Amherst. A visit was made to the State Forest Nursery on the grounds of the Agricultural College. Thence the Commission proceeded to Shutesbury, Prescott, and Pelham, in all of which towns large tracts of burned-over land were pointed out to them by Mr. Cowles. The Commission then went to Greenfield to examine the municipal forest located there. The night was spent at Greenfield.

On the morning of the 21st the Commission went to Shelburne Falls, and were there joined by Mr. Albert R. Ordway, the district forest warden, who has charge of the forest fire work in the western part of the State. A climb was made to the summit of Shelburne Falls Mountain, where the forest fire lookout station was inspected. From Shelburne Falls a journey was taken up the valley to the village of Colrain, and thence to Christian Hill in the same town, where the State has a five hundred acre plantation of white pine. During the afternoon of this day several tracts of land were examined in the towns of Colrain and Heath. Ashfield was next visited, and from there the Commission traveled twenty-two miles to the Savoy Mountain in the town of Savoy, passing through the towns of Plainfield, Windsor, and Savoy. From the summit of this mountain a large section of the surrounding country can be seen. The trip was then continued into the town of Adams, and thence to North Adams, where the night was spent.

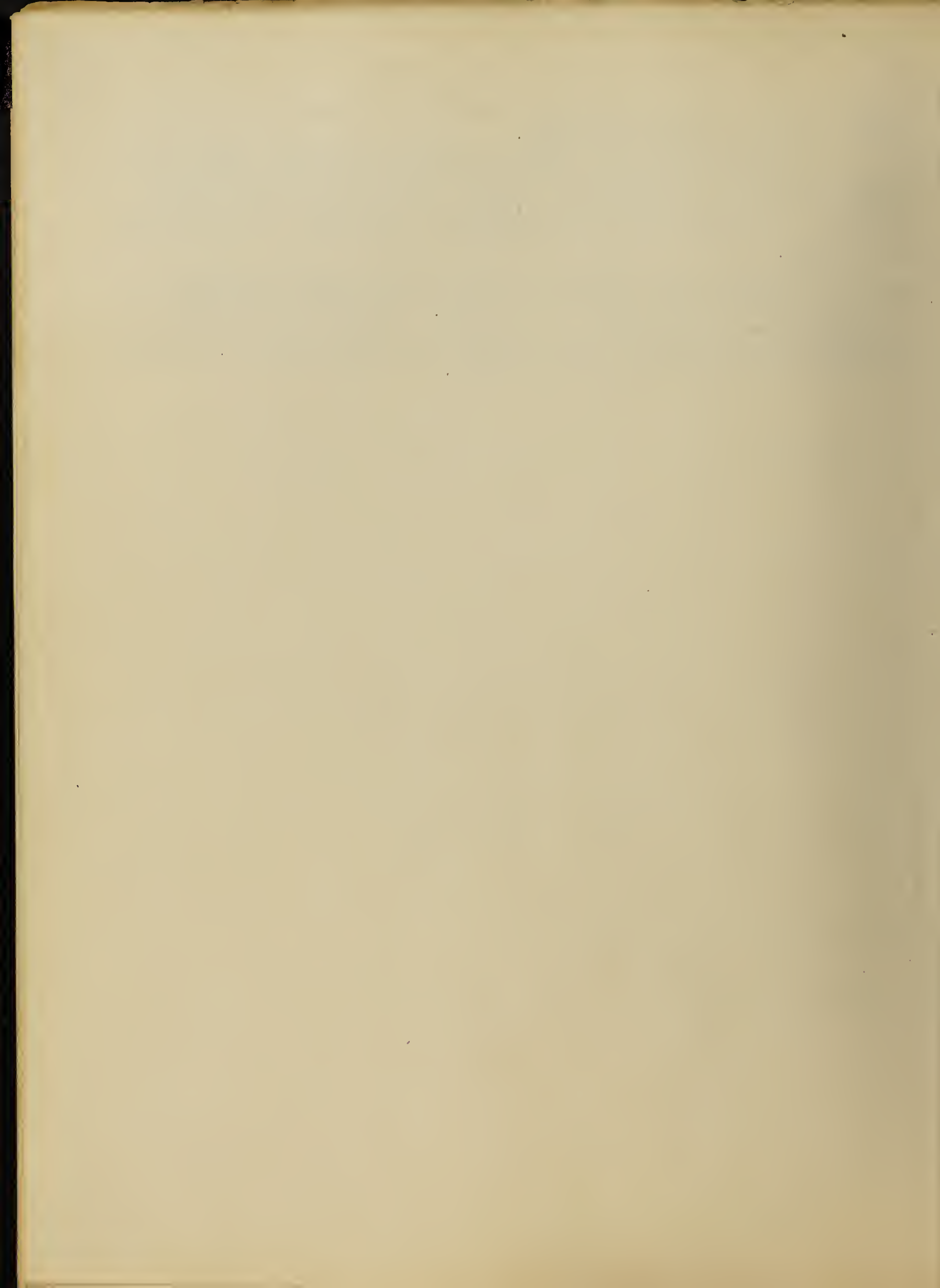
On the 22d Mr. Sperry, of the Mount Greylock Commission, guided the Commission on to Mount Greylock, entering from the Williamstown side and returning through Adams, thereby covering the entire mountain. From here a drive was taken over the new Mohawk Trail to the summit of the Florida Mountain. The night was spent at North Adams.

On October 23d, leaving North Adams the Commission traveled through Adams, Cheshire, Lanesboro, Pittsfield, Lenox, Stockbridge, Great Barrington, and Egremont, to the town of Mount Washington, where an ascent of Mount Everett was made. From this mountain the entire country throughout the southwestern part of the State can be easily seen. Leaving Mount Everett the Commission traveled via the Jacobs Ladder route to Westfield, making a slight detour in order to examine several thousand acres of land known as the West-

field Plains. From Westfield the Commission proceeded to Springfield, where the night was spent.

On October 24th the trip was continued through Wilbraham, Monson, Palmer, and Warren, Brookfield, New Braintree, Oakham, Rutland, Sterling, to Lancaster. Several tracts of land were examined in the towns of Oakham, Rutland, and Princeton. The Commission then continued their trip homeward, and arrived in Boston late in the day.

Throughout this trip the Commission was favored with excellent weather which enabled them to make a careful inspection of the territory through which they passed. As can be seen from following this trip on the map, a very large mileage was covered considering the roughness of the country, and very valuable knowledge was obtained with regard to conditions.



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It is rather difficult for this Commission to outline any definite plans to be followed during the coming year in its endeavors to acquire suitable land for state forests. For the present the Commission has decided not to consider any proposition that would involve the purchase of less than one thousand acres in one tract. On October 7, 1914, the Commission caused a circular letter to be sent to the mayors of cities, chairmen of boards of selectmen of towns, and forest wardens throughout the state, asking for information relative to available lands. The responses were numerous, and are still coming to the Commission from all parts of the state. A great many offerings have been made, and it is the purpose of the Commission to examine as much of the land as possible that has been offered for sale. Without doubt, a very large part of the appropriation for the year 1915 will be used in the purchase of land, the balance being applied to planting and management.

/The above is a statement rendered to the State Auditor, under date of November 14 (attached to blank furnished from his office), in regard to the proposed work of the State Forest Commission for the year 1915/

THE HISTORY OF THE
CITY OF BOSTON
FROM THE FIRST SETTLEMENT
TO THE PRESENT TIME
BY NATHANIEL BENTLEY
VOLUME I
PUBLISHED BY J. B. BENTLEY
1857

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Boston, December 1, 1914.

The second meeting of the Massachusetts State Forest Commission was held at the office of the State Forester, 6 Beacon Street, Boston.

A complete record of the acts of the Commission since its organization was read by the Secretary, and said records were approved by the Commission.

Commissioner Rane reported that Mr. Willis, of Sudbury, who was engaged by the Commission to interview land owners in that section to determine whether or not a sufficient quantity of land could be acquired to suit the purposes of the Commission, had rendered an adverse report. His bill of eight dollars for making this investigation was approved by the Commission.

Commissioner Rane also called attention to the lands in and around Winchendon in which Mr. Elisha Whitney, of Winchendon, is interested. On motion of Mr. Rane it was

V O T E D that the Commission employ a competent man to investigate said properties and report to the Commission with regard to the possibility of acquiring and utilizing them, and that the salary of said investigator and the time necessary to perform the work be determined by Mr. Rane.

The Secretary read several letters received from citizens of the Commonwealth offering land for sale, and said letters were then filed for future reference.

Reference was made to Judge Davis, who has been asked to submit a report of the possibilities on Cape Cod.

Meeting adjourned at 4 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the third (3d) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on December 14, 1914, at 10:30 A.M.

Present, Mr. Shepard and Mr. Rane.

The records of the preceding meeting were read, and approved by the Commission.

Several matters of importance relating to the work of the Commission were discussed.

Mr. Way, of Sudbury, a member of the board of selectmen of that town, was present, and gave to the Commission some information relative to the possibility of acquiring lands in his town. At the suggestion of Mr. Shepard, Mr. Way promised to obtain data with regard to the assessed valuation of the lands under consideration, in order to determine whether or not the land is held by the owners at too high a price.

Charles D. Bailey
S e c r e t a r y.

Records of the fourth (4th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on December 24, 1914, at 12 o'clock noon.

Present, Mr. Parker, Mr. Shepard, and Mr. Rane.

After a general discussion of various tracts of land that have been offered to the Commission, it was V O T E D that Mr. Rane be authorized to send an experienced man to Sudbury to investigate with regard to the amount of land available, and to determine whether or not the prices asked per acre will allow of its being purchased by the Commission, said representative of the Commission, after a thorough investigation of such land, to make a complete detailed report.

The report of Mr. Harold Fay, who has been engaged in inspecting lands in the vicinity of Winchendon, was read, and it was shown by the report that twenty-eight hundred acres can be purchased there.

The Commission also considered the report submitted by Mr. Frank Haynes on available lands in the town of Wendell, and said report was placed on file.

Meeting adjourned at 1 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the fifth (5th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Saturday, January 2, 1915, at 10 o'clock A.M., for the purpose of discussing the form of the annual report to be submitted by the Commission to the legislature.

Present, Mr. Parker, Mr. Shepard, and Mr. Rane.

After giving the matter consideration, it was V O T E D that the preparation of the report be left in the hands of Chairman Parker, aided by the Secretary, Mr. Bailey.

It was also

V O T E D that the Commission recommend in its annual report the enactment of legislation which would give to the Commission the right to take land by eminent domain.

Letter of Thayer and Harmon, dated December 18, relative to the land on and around Savoy Mountain was read. Filed.

Mr. Harold O. Cook, of the State Forester's department, read his report, dated December 21, to the Commission on the tracts of land known as Bear Swamp Mountain, Savoy Mountain, and Florida Mountain, and after a general discussion of the matter, on motion of Mr. Shepard, it was

V O T E D that Mr. Rane be authorized, on behalf of the Commission, to communicate with the North Adams officials and other parties interested, with the view to obtaining if possible their aid, financial and otherwise, in acquiring lands in that section.

Under the motion, Mr. Rane was further authorized to offer on behalf of the Commission a sum not exceeding one thousand dollars toward the purchase price of acquiring the Bear Swamp Mountain tract.

On motion of Mr. Shepard, it was

V O T E D that Chairman Parker be authorized, on behalf of the Commission, to investigate and acquire, if possible, not less than one thousand or more than ten thousand acres of land in the towns of Plymouth, Barnstable, Sandwich, and Falmouth, the average purchase price not to exceed one dollar per acre.

On motion of Mr. Shepard, it was

V O T E D that Mr. Rane, on behalf of the Commission, be authorized to acquire not less than fifteen hundred or more than five thousand acres of land in the towns of Winchendon, Templeton, and Royalston, at an average price not exceeding five dollars per acre.

Mr. Harold Fay, of the State Forester's office, submitted a report, dated January 2, on the Sudbury lands, and after some discussion it was

V O T E D that Mr. Fay be authorized to continue his investiga-

tions and report to the Commission at a later meeting.

Mr. Haynes, of the State Forester's office, rendered a report, dated December 25, on his investigations of lands lying in the towns of Wendell and Montague. After discussing the matter at some length, on motion of Mr. Shepard, it was

V O T E D that Mr. Rane, on behalf of the Commission, be authorized to acquire if possible not less than five thousand acres or more than ten thousand acres of land in the above-named towns at an average price not exceeding one dollar per acre.

V O T E D that Mr. Haynes continue his investigation and inspection of lands in the town of Foxborough, and report to the Commission later in the season.

The question of an official conveyancer was discussed, and upon the statement of Mr. Parker it was agreed that Mr. Eliot W. Peabody of the Registry of Deeds in Worcester, should be employed under conditions similar to those used by the Wachusett Mountain State Reservation Commission. Mr. Parker was authorized to make such an arrangement with Mr. Peabody.

Adjourned at 11:30 o'clock A.M.

Charles O. Bailey
S e c r e t a r y.

Records of the sixth (6th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Thursday, January 14, 1915, at 10 o'clock A.M., for the special purpose of hearing the parties interested in the proposed bill which is to be presented to the present legislature providing for the acquisition of Mount Grace in the town of Warwick as a State forest reservation.

Present, Messrs. Harold Parker, Harvey N. Shepard, and F. W. Rane of the State Forest Commission, Dr. Paul Goldsbury, author of the bill, Senator Haigis, Mr. Stephen E. French, representing the Board of Trade of Orange, Mr. Williams of Warwick, one of the principal owners of the land which it is proposed to take, Representative Gates of Orange, Mr. Wheeler of Warwick, Senator Ellis of Newton, Ex-Senator Herbert Parsons of Greenfield, Representative Cross of Royalston, Mr. F. B. Williams of Worcester, a large owner of land on Mt. Warwick, Mr. F. W. Bass, Mr. Samuel Hastings of the Board of Selectmen of Warwick, Mr. C. O. Bailey, Secretary, and Mr. Harold O. Cook of the State Forester's office.

Considerable time was given to a general discussion with regard to the form in which the bill should be drawn. Dr. Goldsbury presented his views, and had a sketch of the area which he used in pointing out the important features of the tract. Mr. Stephen E. French, speaking for the Orange Board of Trade, said that the proposition appealed to him as one calculated to benefit the entire State. He believed, however, that up to the present time the Committee did not possess sufficient data upon which to draw a comprehensive bill, and that there should be more co-operation. Chairman Parker, in presenting the views of the State Forest Commission, said that if a bill could be prepared warranting the purchase of Mount Grace by parties other than the Commission, such a bill would undoubtedly receive the moral support of the Commission, and, further, that the Commission would be willing to assume the management of the same, although acting in his capacity of chairman he could not make any definite promises in behalf of the Commission until official action had been taken by it. Others who participated in the discussion were Mr. Williams of Warwick and Mr. Hastings, while Senator Ellis of Newton asked for information on various points. Senator Haigis suggested the wisdom of a conference of Warwick people in order to show to the legislature that the people of that section were united in pushing through the project. Ex-Senator Herbert Parsons of Greenfield made a very strong plea for the proposition, stating that he believed the sentiment favorable to forestry was strong enough in Massachusetts to ensure the passage of a bill designed to take over Mount Grace as a forest reservation. At this point Mr. Cook presented his report, based upon recent examinations made of the territory in question. Mr. Williams of Worcester advocated in strong terms Dr. Goldsbury's general proposition as being a commendable effort in the direction of improving conditions in Warwick and adding a valuable asset to the State at large. After more or less discussion Mr. Shepard of the State Forest Commission suggested that the bill which was presented to the legislature last year, and which was referred to the

next General Court, be taken from the files and referred to the proper committee. In his opinion this would allow sufficient time for those interested to obtain the data necessary to put the bill into comprehensive shape.

Letters were received and referred to at the hearing from the Northfield Schools, from Eugene E. Whipple of Warwick, and from W. H. Read of Warwick. These letters were placed on file for use at the legislative hearing if needed.

A D J O U R N E D at 12:30 o'clock P. M.

Charles O. Bailey
S e c r e t a r y.

Records of the seventh (7th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, February 2, 1915.

V O T E D that the Secretary, Charles O. Bailey, be authorized to approve all bills on behalf of the Commission which are to be submitted to the State Auditor.

V O T E D that the amount of land to be taken in and around the town of Winchendon shall be twelve hundred and fifty acres, instead of fifteen hundred acres as the Commission previously voted.

Charles O. Bailey

S e c r e t a r y.

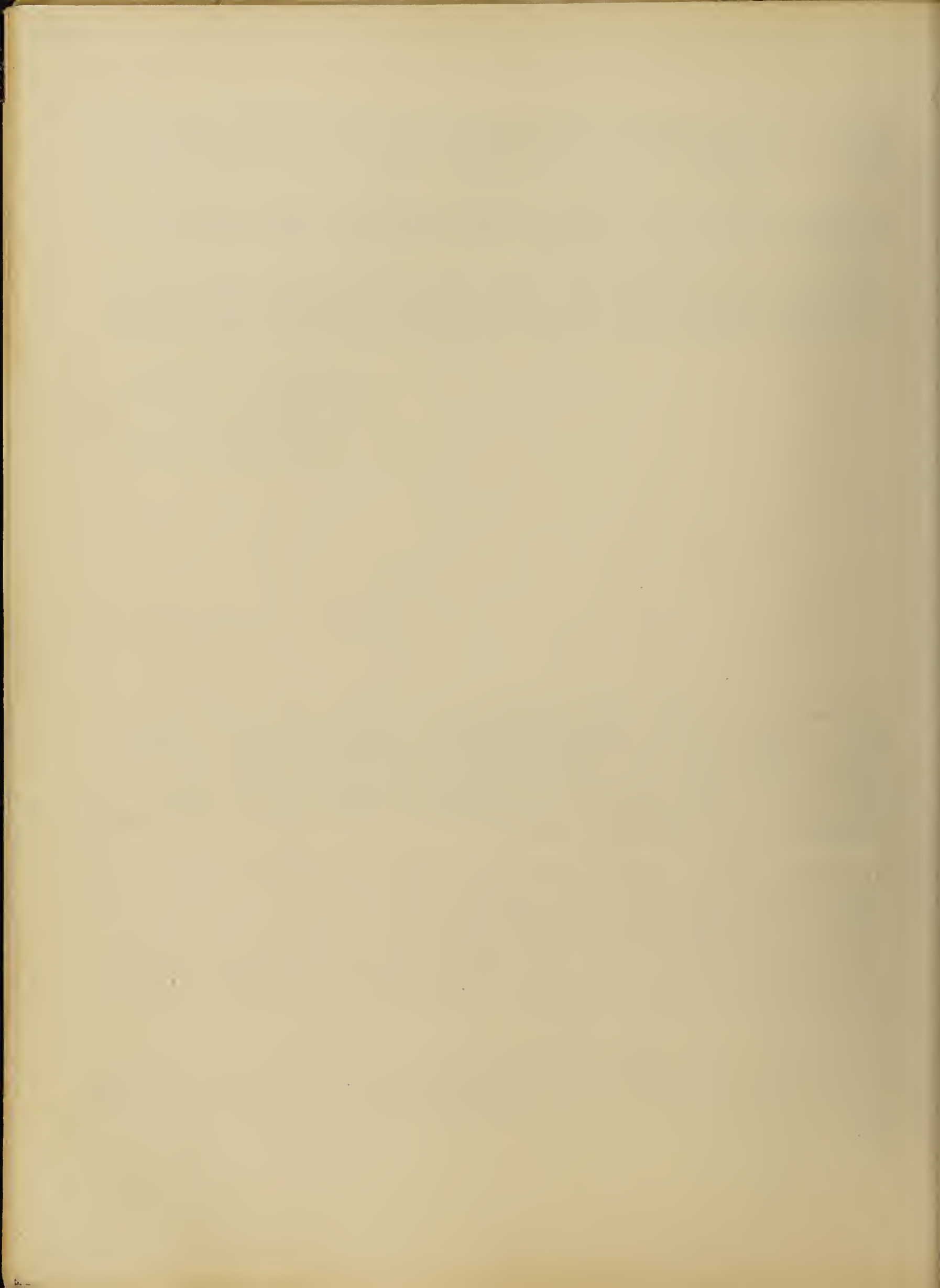
Records of the eighth (8th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Wednesday, February 24, 1915, at 10 o'clock A.M., called primarily for the purpose of discussing the appropriation bill reported by the Ways and Means Committee, in which bill the amount which was to be appropriated was reduced by the Committee from twenty thousand to ten thousand dollars.

Mr. Harold Fay was called before the Commission, and reported on the progress being made in the acquisition of lands in and around Winchendon. After a general discussion, it was

V O T E D that Mr. Fay be given authority to allow Mr. Millard W. White, a lumberman of Winchendon, three years in which to remove the timber from the lands purchased from him, also a right of way to enable him to haul away the lumber, a location for a saw mill, and an opportunity to stick the lumber

In addition to the above, it was

V O T E D that Mr. Fay be authorized to grant a right for the building of a side track, with the understanding that he reserve the right to approve the manner in which the above concessions shall be carried out.



Mr. Fay also referred to the Goodnow property and the desirability of disposing of the buildings in order to reduce the cost of the land so as to bring it within the means of the Commission.

It was also

V O T E D that provided the Boston and Maine and the Vermont and Massachusetts railroads convey to the Commission lands without cost, other than the expense of transfer, said railroads shall be exempt from any liability for damage caused by fires originating from sparks from locomotives.

V O T E D that the salary of Mr. Harold Fay while in the employ of the State Forest Commission shall be at the rate of twelve hundred dollars per year.

V O T E D that the Secretary be instructed to write to Mr. Levi R. Sampson relative to lands owned by him in the vicinity of Plymouth.

Adjourned at 2 o'clock P.M.

S e c r e t a r y.

Charles O. Bailey

Records of the ninth (9th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Saturday, April 10, 1915, at 10 o'clock A.M.

Several matters relating to the acquisition of lands in other sections of the State were discussed.

Adjourned at 1 o'clock P.M.

Charles O. Bailey

S e c r e t a r y.

State Forest Commissioners' Trip,
March 30, 1915.

On March 30th Mr. Rane left Boston early in the morning and picked up Mr. Parker at Lancaster. They then proceeded to Mount Wachusett, where several surveying instruments were obtained for use in running the lines of the Winchendon lands. Mr. Needham, observer at the Mount Wachusett lookout station, was taken with them, and they drove from there to Winchendon, where Mr. Harold Fay, of the State Forester's department, joined them and accompanied them on a trip of inspection of the various tracts of land upon which Mr. Fay had obtained options.

The Secretary, Mr. Bailey, met the party at Baldwinville, he having gone there by train from Boston.

Nearly the entire day was spent in looking over the lands, and a very comprehensive and valuable knowledge obtained of the possibilities which lie in this tract.

State Forest Commissioners' Trip,
May 25, 1915.

On Tuesday, May 25th, Chairman Parker, accompanied by Mr. Rane, visited the Winchendon reservation, with a view to determining the amount of damage caused by a fire which occurred there the early part of the month.

They took occasion at the same time to examine other lands which have been offered for sale and to discuss in a general way the policy which will be adopted with regard to managing this tract.

Records of the tenth (10 th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, June 1, 1915, at 10 o'clock A.M., arrangements having previously been made for a regular meeting of the Commission to be held on the first Tuesday of each month.

Present, Messrs. Harvey N. Shepard and F. W. Rane. The Chairman, Mr. Parker, was unable to attend the meeting, as he had been unexpectedly called away.

Representative Morse, of Lancaster, appeared before the Commission and applied for a position with the Commission in investigating lands in Plymouth County. As the Commission had at a previous meeting voted to authorize Mr. Parker, the Chairman, to look up lands in said county, with full powers, Mr. Morse was advised to see him.

On motion of Mr. Rane, it was

V O T E D that Mr. Shepard be authorized to investigate and report to the Commission upon the possibility of acquiring lands in and around North Reading, the necessary expense of such investigation to be borne by the Commission.

Adjourned at 12 o'clock noon.



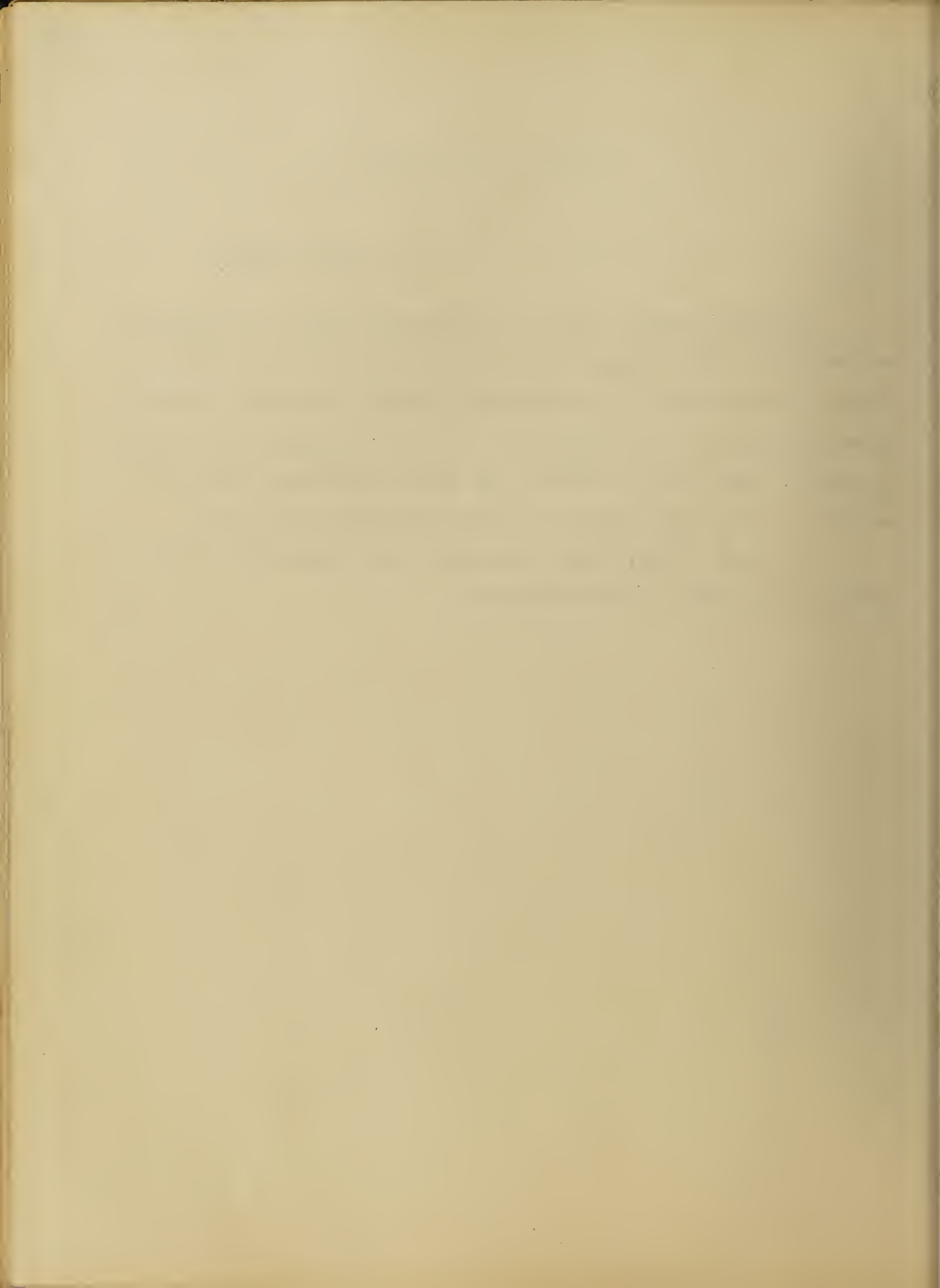
S e c r e t a r y.

- M e m o r a n d u m -

June 8, 1915.

Chairman Parker brought Representative Morse, of Lancaster, to the office, and arrangements were made for him to go to Plymouth to look up lands in Barnstable, Sandwich, Falmouth, and adjacent territory. Mr. Parker, on behalf of the Commission, agreed to pay Mr. Morse for his time at the rate of \$100 per month and expenses for the time which he actually devoted to the work.

Mr. Rane and Mr. Parker discussed some other matters relating to the work of the Commission.

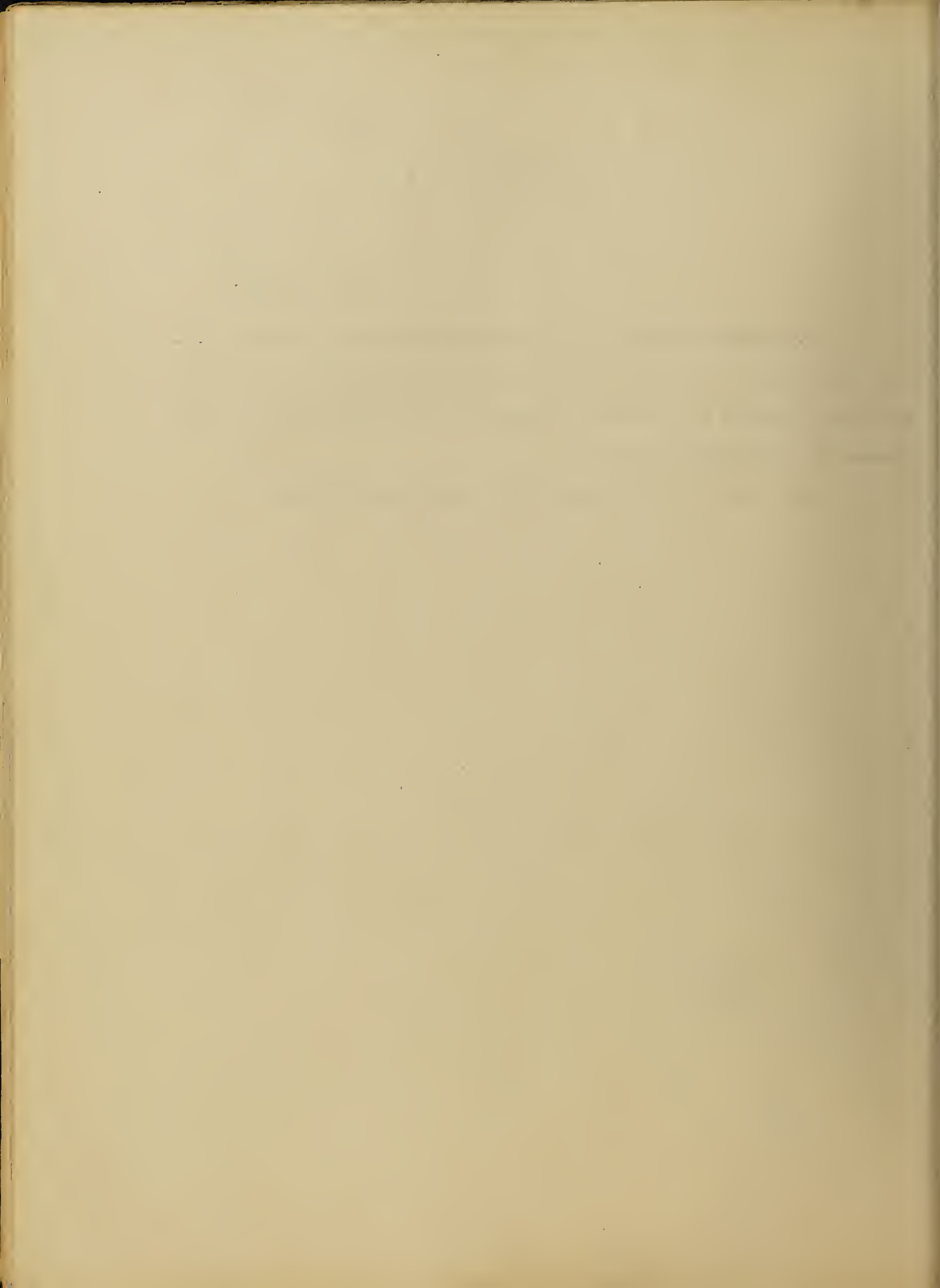


- M e m o r a n d u m -

June 9, 1915.

Mr. Parker arrived at the office about 9:30 o'clock A.M. and considerable time was spent in discussing plans relative to an investigation of the Mohawk Trail, in accordance with an act passed by the General Court.

The records of the Commission were looked over.



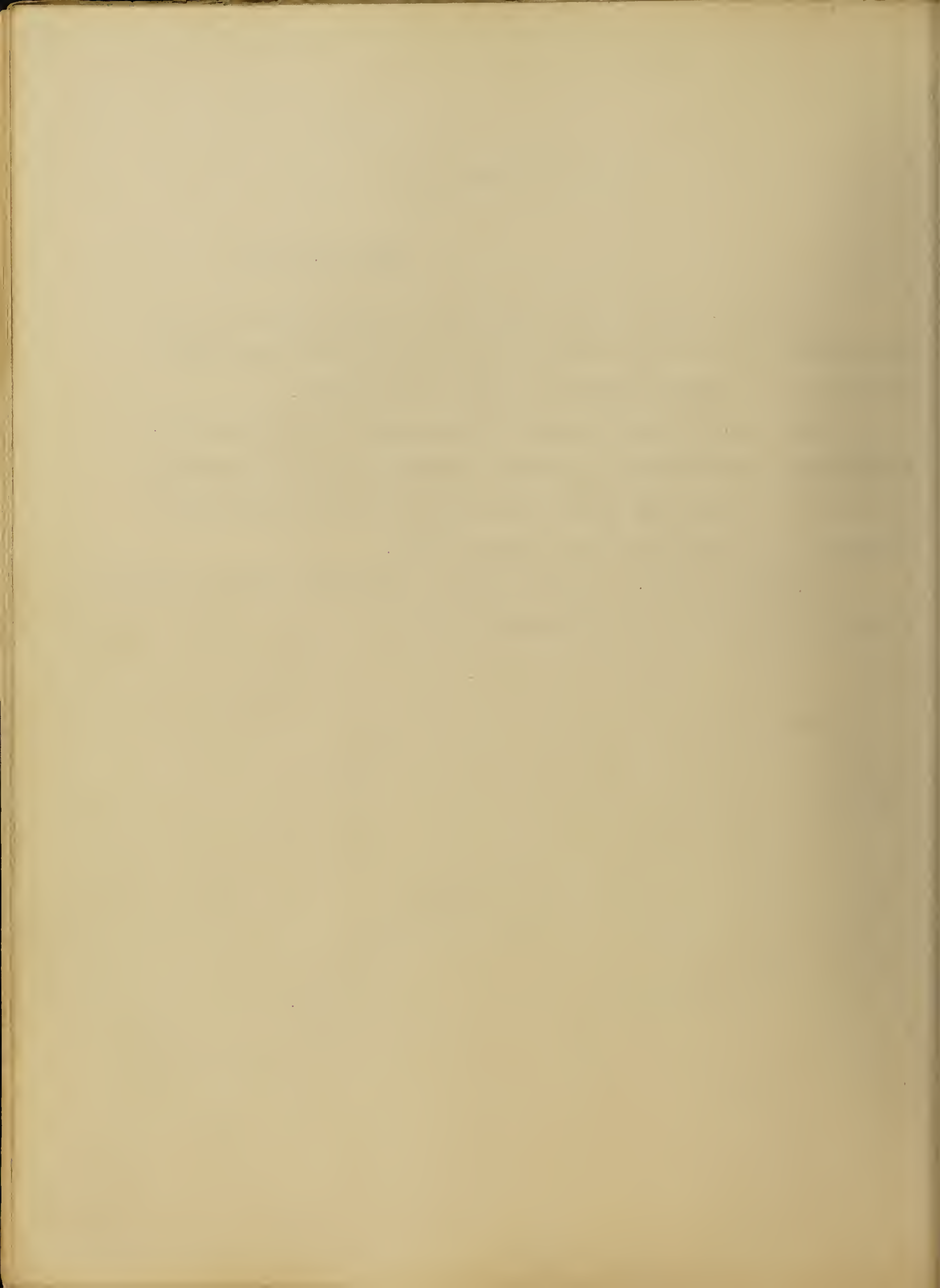
- M e m o r a n d u m -

June 10, 1915.

Mr. Parker arrived from Lancaster a little before noon and was occupied with Mr. Fay for some time in going over the titles obtained of the various tracts of land in Winchendon.

Some time was also devoted to discussing the possibilities of acquiring Mount Grace in the town of Warwick and the investigation which is being made under the direction of the State Forest Commission, as per vote of the General Court.

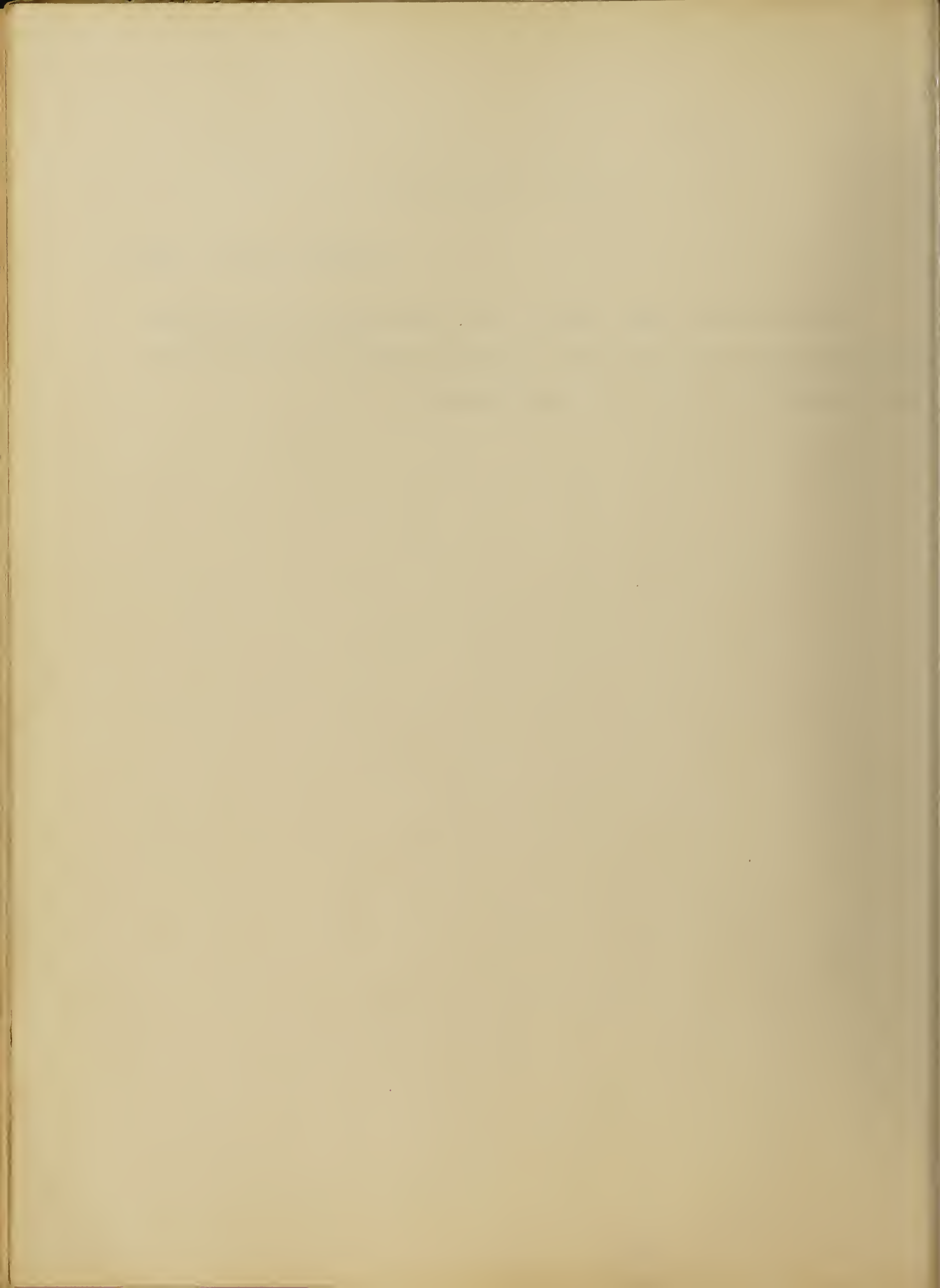
Mr. Parker and Mr. Fay also held a conference with the Attorney-General with regard to the Winchendon titles.



- M e m o r a n d u m -

June 14, 15, 16, 1915.

On June 14th, 15th, and 16th, Mr. Parker was at the offices going over maps and reports and consulting with the various men who had been engaged to make the investigations.

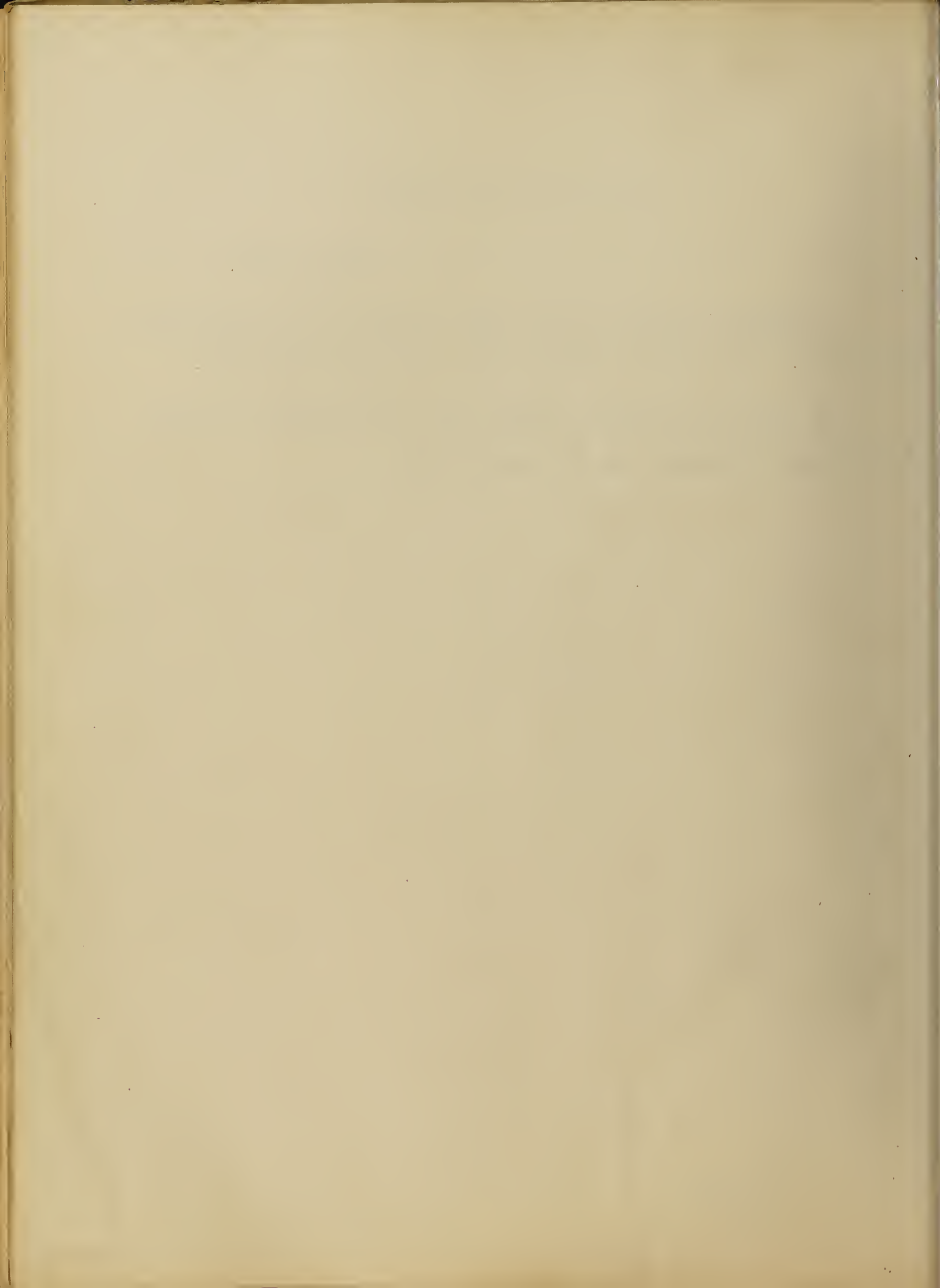


- M e m o r a n d u m -

July 6, 1915.

No meeting was held on July 6th, the day of the regular meeting, as Mr. Parker and Mr. Shepard were both out of the State.

On July 22d and 23d Mr. Parker was at the office to discuss Plymouth and Barnstable county possibilities.



Records of the eleventh (11th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, August 3, 1915, at 10 o'clock A.M.,

Members present, Mr. Parker, Mr. Shepard and Mr. Rane.

The records of the previous meeting were read by the Secretary and approved by the Commission. Mr. Shepard submitted his report relative to the lands in and around North Reading, expressing the opinion that very desirable tracts could be obtained in that vicinity.

On motion of Mr. Rane, it was

V O T E D that Mr. Shepard be authorized to acquire not less than five hundred (500) or more than twenty-five hundred (2500) acres at a price not exceeding \$5.00 per acre.

Mr. Haynes of the State Forester's Office submitted to the Commission a report of his investigations on Mt. Grace and the Mohawk Trail. It was considered by the Commission as a report of progress and Mr. Haynes was authorized to continue his investigations and to report to some future meeting of the commission..

The commission decided to take another trip through the western portion of the state some time during the month of September.

Mr. Parker submitted a report received from Mr. Morse relative to the possibilities of acquiring lands in Plymouth and Barnstable counties, which was discussed at some length, and placed on file for future reference.

Adjourned at 12 o'clock noon.



S e c r e t a r y.

12, 5

-: M e m o r a n d u m :-

September 13 to 18, inclusive.

Pursuant to a vote previously taken by the Commission, a tour of inspection began on Monday, September 13th, covering nearly the entire State, and especially the examination of Mt. Grace, in the town of Warwick, and the forest lands bordering on the Mohawk Trail.

Mr. Rane and Mr. Shepard, of the Commission, accompanied by the Secretary, Mr. Bailey, left Boston in an automobile about 10:45 a.m. September 13th, passing through the following towns, Cambridge, Belmont Arlington Lexington, Bedford, Concord, and Acton, where they stopped for dinner at Lake Nagog Inn. Resuming their journey they passed through Littleton, Ayer, Shirley, Lunenburg, Fitchburg, Westminster, Gardner, to Winchendon, where several hours were spent in looking over the Winchendon State Forest, and some plans were outlined with regard to its future management. The night was spent at the Toy Town Tavern in Winchendon.

An early start was made on Tuesday morning through Royalston, Athol, Orange, to Warwick. Warwick was reached about 11 o'clock a.m., where Chairman Parker, of the Commission, joined the party. Lunch was taken at the Warwick Inn, and the Commission then proceeded to examine Mt. Grace. The entire mountain was circled, and the possibilities of making it a State reservation were carefully noted. From there the Commission passed on to Wendell, in which town there is a very large tract of burned-over land, which was given a very careful examination, after which the party continued their trip through Montague to Greenfield, where the night was passed.

On Wednesday morning the town of Shelburne was visited, where is located a fire lookout station on the top of Shelburne Mountain. From there the party proceeded through the towns of Buckland, Charlemon, and Florida, over Florida Mountain, into North Adams, thence on to Williamstown. The route followed by the Commission from Greenfield to Williamstown, was over the famous Mohawk Trail. A careful study was made of the forest lands bordering this highway, as under a resolve passed by the legislature of 1915 the Commission was authorized to report to the next legislature the desirability of acquiring the said lands in order to preserve the natural scenery along this highway. Luncheon was taken at the Greylock Inn in Williamstown, from which town the Commission passed on through New Ashford, Lanesboro, Pittsfield, and Lenox. At Lenox the Commission was met by Mr. Ordway, the district forest warden, who piloted the party to the summit of Lenox Mountain, where a new forest fire lookout station has recently been erected. From this mountain an excellent opportunity was afforded the Commission to view the lands offered the Commission by Mr. Dewey on October Mountain. From Lenox the Commission proceeded to Northbridge, where the night was spent at the Red Lion Inn.

Records of the twelfth (12th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on September 7, 1915, at 10 o'clock A.M.

Present, Messrs. Harold Parker, Harvey N. Shepard, and F. W. Rane.

Mr. Shepard reported the result of his investigation of the lands in and around North Reading, and after some discussion of the report it was

V O T E D that the Secretary be instructed to notify Mr. Eugene O'Neil, who had been employed by Mr. Shepard to make the investigation, to send in a complete report of his investigations and to notify him to do nothing further until instructed by the Commission so to do.

A letter was read from Mr. H. H. Dewey, of New Lenox, in which he offered several hundred acres of land to the Commission located on October Mountain. The Secretary was instructed to acknowledge the letter and to notify Mr. Dewey that the land will be examined by the Commission within a few weeks.

On motion of Mr. Shepard it was

V O T E D that the Commission take a trip to the western part of the State, said trip to cover a period of one week, beginning on Monday, September 13, and that the Secretary be asked to accompany the Commission on the trip.

Mr. J. R. Simmons, of the State Forester's office, submitted a report, dated August 26, on his investigation of the lands in the town of Douglas which have been offered the Commission, and it was

V O T E D that the consideration of said report be deferred until the next regular meeting, on October 5, at which time it is suggested that arrangements shall be made for the Commission to visit and examine the property.

Mr. M. C. Hutchins, the State Fire Warden, reported that he had been in consultation with a Mr. John B. Burnham, who is acting for an association that owns a large tract of land (approximately six thousand acres) in the towns of Carver and Plymouth. After a brief discussion of the matter it was

V O T E D that Mr. Burnham be invited to attend the next meeting of the Commission, with a view to ascertaining what possibilities lie in that direction.

A tax bill against the Goodnough Estate in Winchendon was placed before the Commission, and the Secretary was instructed to see that the bill was paid.

Mr. Rane brought to the attention of the Commission the bill of Warren H. Manning, Landscape Architect, of two hundred and twenty-five dollars for making a State map showing the various types of land, and stated that the bill was much larger than he had supposed it would be, and it was

V O T E D that Mr. Manning be invited to attend the next meeting of the Commission in order to determine whether or not he could make a

reduction in the amount of his bill.

Adjourned at 1:30 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the thirteenth (13th) meeting of the State Forest Commission, held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, October 5, 1915, at 10 o'clock A.M.

Present, The Chairman and Messrs Shepard and Rane.

The records of the last two meetings were read by the Secretary and approved.

The question of purchasing the game reservation lands located in the towns of Plymouth and Carver was brought before the meeting for discussion. Chairman Parker stated that he had been in consultation with Mr. C. S. Houghton, one of the trustees of the property, and also Mr. John E. Thayer, and felt confident that the property could be purchased at a reasonable price. Mr. Houghton, the trustee referred to above, and Mr. John B. Burnham, representing an association which at the present time holds a lease of the property, were invited to come before the Commission, and as a result of the conference, on motion of Mr. Shepard it was

V O T E D that the Secretary of the Commission be instructed to write the trustees of the game reservation making the following proposition: That the Commission offers to purchase for seventeen thousand dollars the lands in the towns of Carver and Plymouth held by the said trustees, provided our survey shall show an acreage of not less than five thousand acres, and provided further that no lands shall be included the title to which is found to be under any encumbrance which in the opinion of the Commission would be inconsistent with its use for a state forest.

After the retirement of Messrs. Houghton and Burnham from the meeting, Mr. Shepard read a communication which he had received from Mr. Eugene E. O'Neil relative to his work in looking up lands at North Reading and vicinity, and Mr. O'Neil's bill of fifty-two dollars and sixty-two cents, the amount due him for making these investigations, was referred to the Secretary for payment.

Mr. Rane made a statement relative to the Winchendon lands, and stated that a report now being prepared by Mr. Cook would be submitted to the Commission at its next regular meeting. It was V O T E D that Mr. Rane be authorized to expend a sum not exceeding five hundred dollars in making necessary improvement on the land and buildings belonging to the Winchendon forest.

Chairman Parker stated that it was his intention to send Mr. Morse, of Lancaster, down in the Cape Cod country again in order to make some definite arrangements for the acquisition of lands contiguous to the game preserve lands for which the Commission is negotiating.

On motion of Mr. Shepard it was

V O T E D that in case the Commission succeeds in making a satisfactory bargain with the trustees of the game preserve located in the towns of Plymouth and Carver, Chairman Parker and Mr. Rane be authorized to proceed immediately to have the necessary survey made and also to establish the validity of titles.

On motion of Mr. Shepard it was

V O T E D that the Secretary, Mr. Bailey, be instructed to prepare an itinerary of a four days' trip by the Commission to the Cape Cod country from October 24th to 27th, inclusive, and to furnish a copy of said itinerary to each member of the Commission when completed.

V O T E D that the Secretary be requested to accompany the Commission on said trip.

Adjourned at 1 o'clock P.M.

Charles O. Bailey

S e c r e t a r y.

Records of the fourteenth (14th) meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, November 2, 1915, at 10 o'clock A.M.

Present, The Chairman and Messrs. Shepard and Rane.

The records of the preceding meeting were read and approved.

There was a short discussion with regard to the proposed visit of a member of the Economy and Efficiency Board to the bird farm reservation in the town of Carver, and without any formal vote being taken it was left with Chairman Parker to adjust the matter with Mr. Haynes.

The question of salary of Mr. Harold Fay was brought to the attention of the Commission by the Secretary, and that matter also was assigned to Chairman Parker for adjustment.

In accordance with a vote taken by the Commission at a previous meeting, Mr. Rane submitted a report prepared by his associate, Mr. H. O. Cook, on the future needs of the Winchendon forest. After some discussion the report was accepted and placed on file, and without taking a formal vote the Commission authorized Mr. Rane to carry out, so far as possible, the recommendations contained in the report.

On motion of Mr. Shepard, it was

V O T E D that the Winchendon forest be given the official name of "Otter River State Forest!"

It was also

V O T E D that the Secretary be instructed to see that a suitable boulder be placed on the land directly in front of the Goodnow House and to have placed upon the boulder a bronze tablet giving the name of the forest, the date of its establishment, and the names of the members of the Commission and its Secretary.

The report of Mr. Haynes, to whom the Commission had delegated the duty of looking over Mount Grace and contiguous property, was read by the Secretary and discussed at some length by the members of the Commission. It was

V O T E D that in the opinion of the Commission the project was one of considerable merit, and that the acquisition of the mountain as a state reservation is most desirable.

It was further

V O T E D that Mr. Shepard, of the Commission, be given the task of preparing the report of the Commission to the legislature embodying their opinions and recommendations.

The Secretary of the Commission having been called away, Mr. Rane, acting secretary, recorded the following actions of the Commission:-

V O T E D that the report of Mr. Haynes on the Mohawk Trail be received and turned over to Mr. Parker for further consideration and preparation for putting into its final form to be approved by the Commission and transmitted to the legislature.

In consideration of the services which Mr. Charles O. Bailey is rendering this Commission, and has been during the past two years, and that he cannot, according to law, receive two salaries, he being already secretary to the State Forester, after consideration by the Commission, and through the recommendation of the State Forester, it was agreed that the better solution of the matter be left to the State Forester, who proposes to recommend that Mr. Bailey receive the proposed advance through asking for an additional appropriation for his department of the incoming legislature, of which this sum, in the amount of five hundred dollars shall be a part.

V O T E D that the Chairman and Secretary prepare a tentative report covering the work of the Commission for the year and submit the same at the next meeting of the Commission.

It was

Moved and carried that the reports and the two resolves of the legislature be a part of the Commission's annual report.

Adjourned at 1 o'clock P.M.

Charles O. Bailey

S e c r e t a r y.

- M e m o r a n d u m -

October 23 to 26, 1915.

Trip of the State Forest Commission for the Purpose of Examining
Lands in Plymouth County and around Cape Cod.

October 23d (Saturday)

Messrs. Parker, Shepard, and Secretary Bailey met, in accordance with an arrangement previously made, at the Hotel Essex at 1 o'clock p.m. After luncheon the train was taken for Plymouth at 2:35 o'clock, arriving there at 4 p.m.

The Commission quartered at the Plymouth Hotel. After dinner the members of the Commission visited by invitation the Old Colony Club, where they were privileged to meet many prominent men of Plymouth and vicinity, and an opportunity was given to talk over with these citizens the possibilities of acquiring land in that county. The Commission were much gratified to find a great deal of interest evinced by these men in the question of state forests. After partaking of a wild goose supper, at which were present several other gentlemen from Boston, among them District-Attorney Pelletier, the Forest Commission accepted the invitation of Arthur Lord, Esq., to visit his home and look over his famous collection of Plymouth relics, after which the Commission returned to the hotel.

Sunday, the 24th. Chairman Parker, in company with Representative George Morse of Lancaster, who is acting as agent for the Commission in its endeavor to acquire land contiguous to the bird farm reservation in the town of Carver, procured a horse and carriage and drove down to examine some of the land upon which Mr. Morse had obtained options.

Mr. Shepard and Mr. Bailey took a long walk, following along the Town Brook as far out as Billington Sea. Bordering portions of this lake is the Morton Park, so-called, a splendid piece of woodland given to the town for park purposes. This walk afforded an excellent opportunity to note forestry conditions, as well as to look over much wild and waste land which should be converted into profitable forest land.

Upon their return to the hotel they found Mr. Rane, the third member of the Commission had arrived, having come by automobile from his home in Waban. After dinner the Commission left Plymouth by auto, taking with them Mr. Morse, and drove down through the south-western portion of the county, looking over large areas of land which it is hoped the Commission will be able to acquire later. Leaving Mr. Morse at a convenient point to get an electric car back to Plymouth, the Commission proceeded to Barnstable, where they put up for the night at the Camp Opeechee, in the village of Centerville.

Monday, the 25th. After breakfast the Commission spent an hour in looking over the estate of Mr. Howard Marston. This estate is a splendid exemplification of the possibility of raising trees of every variety on Cape Cod soil.

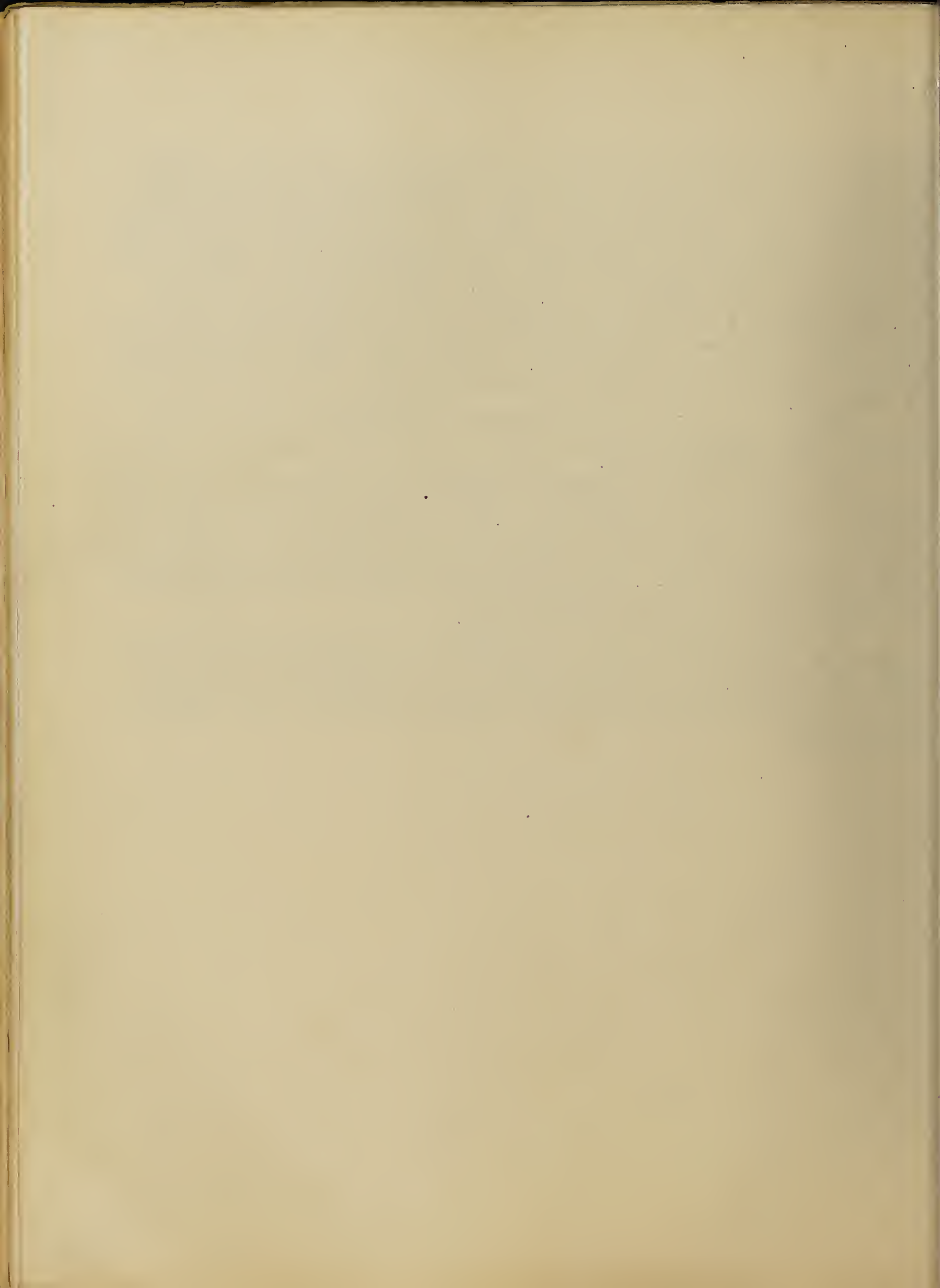
Continuing its drive around the Cape the Commission stopped at

Orleans long enough to look over a plantation of white pine, larch, chestnut, and other species of trees, planted some thirty years ago by some prominent citizen of the town. This plantation has flourished remarkably well, considering the fact that it is exposed to the winds which blow across the bay near which it is situated. The Commission arrived at Provincetown about noon, after making several calls on town officials on their passage up the Cape. After luncheon at the New Central Hotel at Provincetown the members of the Commission called upon Mr. Birch, an old time resident, who has for years had charge of the trees of the town. The Province lands were also visited, and the plantation of trees, grasses, etc., looked over. Many trees planted on this land were taken from the state nurseries of the State Forester at Sandwich.

About 2 o'clock in the afternoon the Commission began their return trip, reaching Orleans at about five o'clock, where the night was spent at the Naucet Inn.

The following day, Tuesday, the 26th, the South Shore Road was followed around through Chatham, Harwich, Dennis, Yarmouth, Barnstable, Mashpee, Woods Hole, and Falmouth. Two or three hours were spent at Woods Hole in getting lunch, looking over the plantations of pine, larch, and many varieties of deciduous trees planted on the wind-swept lands owned by Mr. Fay. The United States Fish Hatchery was visited. The Commission also interviewed ex-Senator Walter O. Luscomb, and discussed forest possibilities with him.

At about three o'clock the Commission started north, with the purpose of spending the night at Mansfield. This arrangement, however, was interfered with on account of the disabling of the automobile, and the party were compelled to pass the night at the Taunton Inn, in the city of Taunton, and returned to Boston by train Wednesday morning.



At the fifteenth (15th) regular meeting of the State Forest Commission held on December 7, 1915, it was

V O T E D that Mr. Haynes be authorized to obtain from the Attorney-General a form of deed such as would meet with the approval of that department in acquiring the lands located in Plymouth and Carver and to take the necessary steps to have it executed, exercising the utmost care to have the property free from all encumbrances and to see that the lease now held by Burnham et al. shall be invalidated.

V O T E D that Mr. Haynes shall cause a copy of the property to be filed with the Treasurer and Receiver-General of the Commonwealth.

V O T E D that Mr. Haynes be instructed to take up with Mr. Shepard, of the Commission, the options which have been obtained on the tracts in and around North Reading, with a view to acquiring them.

Charles O. Bailey
S e c r e t a r y.

Records of the fifteenth (15th) regular meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, December 7, 1915, at 10:15 o'clock A.M.

Present, Messrs. Rane and Shepard.

Mr. Shepard read a letter which he had received from the Northfield Schools relative to Mount Grace. Filed.

Several matters of more or less importance were discussed by Mr. Shepard and Mr. Rane which it was deemed were not necessary to be officially recorded.

Mr. Harold Fay, who is making a survey of the Winchendon lands, presented to the Commission several propositions from various land-owners in and around Winchendon, but official action on these matters was deferred until a special meeting which it was decided would be called as soon as it could be definitely determined when the Chairman could be present.

Mr. Shepard, who has charge of acquiring land in the North Reading region, made a report of progress, and Mr. Rane, who is assisting him in this work, also made a brief report concerning these lands.

Adjourned at 12 o'clock noon.

Charles O. Bailey

S e c r e t a r y.

Records of the sixteenth (16th) special meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, December 14, 1915, at 10:15 A.M.

Present, all members of the Commission.

Mr. Shepard reported at length on the meeting at Greenfield which was attended by Mr. Rane and himself.

The Chairman, to whom had been given the task of preparing a report on the Mohawk Trail to be presented to the legislature, read to the Commission the result of his labors, and after some discussion it was decided that the report be amended by adding a recommendation that, provided legislation is enacted by the General Court, authorizing the acquisition of these lands, the Commission be given the authority to exercise the right of eminent domain, and in this form be submitted to the legislature as the report of the Commission.

Mr. Shepard read his report on the feasibility of acquiring Mount Grace as a State forest reservation, and the Commission

V O T E D that the report as read by Mr. Shepard by submitted to the legislature as the findings of the Commission.

It was also

V O T E D that both of the foregoing votes be printed as a part of the State Forest Commission's annual report.

It was

V O T E D that bills embodying the recommendations of the Commission be prepared by Mr. Shepard and the Secretary and sent to the Secretary of State on or before the first Wednesday in January, as required by law.

The work being done by Mr. Harold Fay at Winchendon was discussed at some length, but no definite action was taken by the Commission.

Mr. Warren H. Manning, landscape architect, appeared before the Commission to make some explanations regarding his bill of two hundred and twenty-five dollars for map which he made for the Commission, and satisfactory settlement was finally determined upon, and the bill approved for that amount and ordered paid.

The report of Mr. J. R. Simmons, dated December 6, relative to growing potatoes on fire lines was read by the Secretary, and after some comments by the different members of the Commission it was deemed of sufficient importance to be looked into later in the season. Filed.

The question of employing a man permanently for the work of surveying lands was discussed, but final decision was deferred until some future meeting.

Adjourned at 12:30 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the seventeenth (17th) regular meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, January 4, 1916, at 10 A.M.

Present, Messrs. Parker and Shepard.

The records of the three preceding meeting were read and approved.

Mr. Simmons submitted a written statement, dated January 4th, with regard to certain lots of land which may be acquired in Templeton

and thus enlarge the Otter River State Forest. Filed for future reference.

Mr. Haynes was called in and went over the list of reservations and cutting rights contained in the deeds under which the Otter River State Forest lands were conveyed to the Commission.

The annual report, as prepared by Chairman Parker, was read by the Secretary, and on motion of Mr. Shepard it was
V O T E D to adopt the same as the annual report of the Commission.

The Commission agreed that a map of the Otter River State Forest should be made and become a part of the annual report.

Adjourned at 11:30 o'clock A.M.

Charles O. Bailey
S e c r e t a r y.

Records of the eighteenth (18th) regular meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, February 1, 1916, at 10 o'clock A.M.

Present, Messrs. Parker, Shepard, and Rane.

The records of the preceding meeting were read and approved.

It was

V O T E D that the Secretary be instructed to notify the members of the Commission a few days in advance of the regular meeting of the date of such meeting, in order that they may arrange their affairs so as to attend.

On motion of Mr. Shepard it was

V O T E D that the expenses of Chairman Parker incurred while attending the hearing before the Congressional Committee at Washington on the Weeks Bill be paid from the appropriation of the Commission.

Mr. Shepard asked for information relative to the status of the eminent domain bill, and in order to clear the matter up Mr. Seagraves, of the Attorney-General's office, was called on the telephone and arranged with Mr. Shepard that the bill should be drawn at the Attorney-General's office, subject to the approval of the Legislative Committee on Judiciary, which arrangement was satisfactory to the State Forest Commission.

V O T E D that Mr. Frank L. Haynes be given permanent employment by the Commission as engineer and surveyor, his salary being fixed at Fifteen hundred dollars per annum, beginning February 1, 1916.

The Commission, without taking any formal vote, decided to hold a special meeting as soon as Mr. Haynes can prepare his data on the North Reading lands.

Adjourned at 12 o'clock noon.

Charles O. Bailey
S e c r e t a r y.

Records of the nineteenth (19th) regular meeting of the State Forest Commission held at the office of the State Forester, 6 Beacon Street, Boston, Mass., on Tuesday, April 4, 1916, at 10 o'clock A.M.

Present, Messrs. Shepard and Rane.

The records of the preceding meeting were read and approved.

It was

V O T E D that the Secretary be instructed to interview the State Auditor with regard to the bill for printing the annual report of the Commission with a view to having the bill paid from the regular appropriation rather than from the appropriation made available for the expenses of the Commission.

Letter from H. H. Gammons, dated February 15, 1916, relative to obtaining employment was read by the Secretary and the Commission decided to refer the same to Mr. Haynes.

The question of reforestation of the Otter River State Forest was discussed at some length, and it was finally decided that in the interest of economy it would be wise to begin planting there as soon as weather conditions permit, it being understood that the work shall be financed from the appropriation of the State Forester if sufficient funds are available for the purpose, otherwise planting work shall be done to be paid for from the funds of the State Forest Commission to an amount not exceeding Five hundred dollars, this decision being approved by the Chairman.

It was further agreed by Messrs. Shepard and Rane that no thoroughly defined policy with regard to such planting should be determined upon until the return of Chairman Parker.

Adjourned at 10:30 A.M. to attend a hearing at the State House.

S e c r e t a r y.

Records of the twentieth (20th) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, June 6, 1916, at 10 o'clock A.M.

Present, Messrs. Parker, Shepard, and Rane.

The records of the previous meeting were read and after some corrections had been made were approved by the Commission.

Mr. Shepard reported on the progress being made in acquiring lands at North Reading and Andover, to the effect that owing to the death of Mr. Batchelder certain complications had arisen which were being settled in the courts, but that eventually he believed everything would be settled satisfactorily.

Mr. Haynes read a complete report, dated June 5, of the work accomplished on the Otter River and the Plymouth and Carver reservations with the expenditure of the funds of the Commission between the dates of March 14th and June 3d, inclusive, 1916. The following is a copy of said report:-

"In compliance with instructions of the chairman of the Commission the following report is submitted, covering work done through the expenditure of the Commission's funds during the period from March 14th to June 3d, 1916.

Winchendon Otter River Forest

On this reserve the work done during the period by use of the Commission funds has consisted of planting out of the \$500 emergency fund authorized for planting work. \$300 has been used. Approximately sixty thousand plants have been set out with this amount.

Plymouth and Carver Reserve

Work on this reserve was started on March 14th with two men, and continued with from two to seven men until June 3d, on which date operations were stopped until fall.

The following work has been accomplished:-

1. Approximately seven miles of boundary lines brushed to a width of twelve to fifteen feet (the minimum width in which brush can be safely burned) in this section.
2. Approximately five miles of road cleared, sufficiently so that fire equipment can be transported in teams.
3. Considerable clearing and cleaning up work done about the three main buildings on the reservation.
4. Approximately one and three-fourths acres of land set out to large and medium white and red pine and larch.
5. Scraping and covering with red lead of the large storage water-tank supplying water to the buildings.

In connection with the boundary-line and road work done it was impossible, with the crew at hand and weather conditions, to safely burn but a portion of the large amount of brush cut, and it will be necessary to wait until fall or early winter for proper conditions before burning work can be continued along the lines. /

In connection with the reservations the following items are submitted for the Commission's consideration:-

Plymouth and Carver Reserve

1. Will the Commission authorize the expenditure of \$100 for a one-half interest in ninety-eight acres of land south of College Pond, owned by N. C. Barrows of New York? Cost per acre for the one-half interest - \$1.02. Other owner at present unknown. Title in Barrows appears to be clear for fifty years back.

2. Will the Commission authorize the expenditure of \$300 in connection with the purchase of the 601-acre tract of the Cape Cod Berry Company, approximately sixty acres of which have been planted to white pine three-year plants? The entire purchase cost would be as follows:-

601 acres at \$1.00 per acre,	\$601.00
60,000 set plants at \$5.00 a thousand,	\$300.00
	<u>\$901.00</u>

Average price per acre, \$1.50

3. Will the Commission take action in regard to fire protection on the Plymouth and Carver reserve? The sum of \$1000 is necessary for needed protective work. The work would involve

(a) Opening up of the twenty-five miles of roads now on the reserve and putting them in proper condition for quick transportation of equipment in automobiles or teams.

(b) Cutting of new roads to intersect old ones, thereby forming smaller compartments or units of area in which to confine fire-fighting.

(c) Making of wide and partly ploughed fire lines where most needed.

(d) Purchase and placing of water-barrels, removing the ground cover in numerous places along roads and exterior lines in order that the sand may be quickly secured, etc.

4. What name will the new reservation be known by in the future? The name "East Head Reservation" is hereby respectfully submitted for the Commission's consideration. The East Pond or Reservoir is one of the largest bodies of water on the State area.

5. Tablet for the reserve.

6. Does the Commission desire to favor the request of Mr. George A. Smith of the Moth Department for the use of the State bungalow at East Head for his family and self for the month of August, 1916.

7. What action will the Commission take in regard to having a temporary caretaker at the Plymouth & Carver reservation for June, July, and August, 1916?

8. What action will the Commission take in regard to permitting temporary camping on the Plymouth & Carver reserve?

Otter River State Forest

1. What action will the Commission take in regard to the matter of fencing the line between property of the Commonwealth and of H. F. Rumrill. (Letter of Mr. Rumrill is appended.)

Cost of wire approximately \$13.00.

Future Work

On account of the fact that Mr. Fay left the Commission's employ before the boundary work of the reserve was completed, it will be necessary to set the remaining corner bounds and do a certain amount of brushing along the boundary-lines. Just how much needs to be done cannot be reported until an examination of the lines as left by Mr. Fay has been made.

Plymouth and Carver Reserve

When the entire area contemplated for purchase or taking has been secured there will be $21\frac{1}{2}$ miles of exterior lines on the reserve. Of these $21\frac{1}{2}$ miles, about 7 miles have been brushed, leaving $14\frac{1}{2}$ miles to be finished this fall and early winter. These lines are to be surveyed with transit and properly marked with numbered cement bounds at the corners and having intermediate wood or pipe markers along all lines. The estimated sum of \$1,500 will probably be sufficient to complete these lines.

The fire protective work before mentioned in this report should be completed this fall and early winter, and can be carried on at the same time the exterior line work is being done.

Andover Forest

On this tract about 200 acres more of land should be acquired in order to complete the purchase and close irregular parcels. A part of the line survey of the Andover and Reading reservation was made last winter. The major part of the survey yet remains to be made.

The unexpended balance of the Commission's funds at the present time is \$11,853.74"

V O T E D that the foregoing report be made a part of the official records.

The following action was taken by the Commission on the various items referred to in the report of Mr. Haynes consecutively as follows:-

Plymouth and Carver Reserve

On Item No. 1, relative to the expenditure of one hundred dollars for land south of College Pond, Plymouth, after considerable discussion during which Mr. Rane expressed the opinion that the price asked for the land was too high, on motion of Mr. Shepard it was
V O T E D that action on this matter be deferred until the next regular meeting of the Commission.

On Item No. 2, relative to expending three hundred dollars for the purchase of land now planted to pine and owned by the Cape Cod Cranberry Company, on motion of Mr. Shepard it was
V O T E D that further action be deferred until the next regular meeting of the Commission.

On Item No. 3, relative to fire protection on the Plymouth and Carver reservation, after some discussion on the matter, it was
V O T E D that one thousand dollars of the Commission's funds be used for the purpose of fire protection, said sum to include the two hundred dollars previously authorized by the Chairman for the purpose of fire apparatus.

This expenditure for fire protection was voted by the Commission because of the representations of Mr. Haynes of the imperative need of such protection, and because of the statement made by the State Forester that sufficient funds were not available in his department to be applied to such work.

On Item No. 4, relative to a name for the reservation, it was
V O T E D that action on this matter be deferred until the next

regular meeting of the Commission.

It was suggested by Mr. Shepard, and approved by the other members of the Commission, that some name in keeping with the history of Old Plymouth County be used.

On Item No. 5, relative to a tablet for the reservation, it was V O T E D that action on this matter be deferred until a name for the reservation was chosen.

On Item No. 6, relative to allowing the bungalow at East Head to be used by others than those employed on the reservation, it was V O T E D that the matter be put over for further consideration.

On Item No. 7, relative to a caretaker for the reservation for the summer, it was

V O T E D that in case a satisfactory arrangement can be made with the Fish and Game Commission whereby the expense for such caretaker shall be divided between the two Commissions such an arrangement be made.

V O T E D that in case such an arrangement is found to be impossible Mr. Haynes be authorized to secure a suitable person for such time as is necessary and prescribe his duties.

On Item No. 8, relative to camping on the reservation, it was

V O T E D that the matter be deferred until the next meeting for further discussion, and that Mr. Haynes get together what data he can bearing on methods used by the Government and other states relative to allowing their reservations to be used for such purposes.

Otter River State Forest

On Item No. 1, relative to fencing the line between property of the Commonwealth and land of H. F. Rumrill, it was

V O T E D that the matter be left with Mr. Haynes for settlement.

The members of the Commission discussed at some length the question of the control of the reservations after their acquirement, but no definite decision was arrived at.

In response to the written request of Mr. Shepard, dated May 10, the Secretary submitted in detail a statement of the expenditures of the Commission from its inception to May 1, 1916, and it was V O T E D that the report as read by the Secretary, dated June 6, be made a part of the official records, as follows:-

"Expenditures

Dec. 1, 1914, to May 1, 1916

<u>At Winchendon</u>	Land	\$7868.12
	Taxes	15.51
	Titles	1049.90
	Surveying and expenses	142.60
	Stone bounds	125.00
	Bronze tablet	34.00
	Teaming, ploughing & freight	192.58
	Teams, cabs, etc.	134.18
	Board of men	194.94
		<u>\$9756.83</u>

Brought forward,		\$9756.83	
<u>At Winchendon (cont.)</u>			
Expenses	H. O. Cook	23.04	
"	H. Fay	401.66	
"	F. L. Haynes	151.60	
"	Miscellaneous	151.55	
	Supplies	430.54	\$10915.22
<u>At Carver</u>			
	Land	\$17113.00	
	Recording deeds	3.70	
Options	George F. Morse and expenses	468.72	
Expenses	F. L. Haynes	54.40	
"	Miscellaneous	7.23	
	Supplies	114.60	17761.65.
<u>At Andover</u>			
	Land	\$2694.46	
	Recording deeds	19.27	
Options	I. A. Flint and expenses	226.00	
"	Eugene O'Neil " "	163.32	
	Board of men	80.00	3183.05
<u>Miscellaneous</u>			
Salary	Maps, including transit	\$543.49	
"	F. L. Haynes	914.53	
"	H. Fay	766.67	
"	Others, as per pay rolls	2923.25	
	Sundries	57.78	
	Postage, etc.	11.16	5216.88
			\$37076.80
<u>Expenses</u>			
	Auto hire, 1914,	\$40.00	
	Map	25.00	
	Office supplies		
	(Cards, folders, guides)	7.65	
	Stationery, postage,	67.23	
	Printing-		
	1st report	\$60.30	
	2d report	149.24	
	Miscl.	29.85	239.39
<u>Expenses-</u>			
	H. Parker	\$138.93	
	F. W. Rame	216.37	
	H. N. Shepard	17.10	
	C. O. Bailey	233.13	605.53
<u>Sundries-</u>			
		5.25	
	Total,	\$990.05	
	(Oct. 1914 to		
	May 1, 1916)		
<u>Expense of trips-</u>			
	Cape Cod, Oct. 1914	\$41.23	
	Western trip, Oct. 1914	111.78	
	Greenfield & Lenox		
	June, 1915,	47.71	
	Western trip, Sept. 1915	111.68	
	Cape Cod, Oct. 1915	81.76	
	Total,	\$394.16	

V O T E D that letters and other enquiries relative to work on the several reservations which require investigation be referred by the Secretary to Mr. Haynes.

The Secretary called to the attention of the Commission the resolve of the legislature requiring the Commission to investigate the advisability of acquiring Purgatory Chasm in Worcester County as a State reservation.

The Secretary reported that a settlement had been reached with the Worcester County Abstract Company and that one hundred dollars had been deducted from their bill of January 25, 1916, for the examination of titles, making the amount of said bill seven hundred and seventy-nine dollars and two cents.

V O T E D that the next meeting of the Commission be held on Wednesday, July 5th, because of the fact that the first Tuesday in that month is a legal holiday.

Arrangements for a trip to Martha's Vineyard were deferred until the next meeting.

Adjourned at 1 o'clock P.M.



S e c r e t a r y.

Records of the twenty-first (21st) regular meeting of the State Forest Commission held at the office of the State Forester, Room 410 State House, Boston, Mass., on Wednesday, July 5, 1916, at 10 o'clock A.M.

Present, Messrs Parker, Shepard, and Rane.

The records of the previous meeting were read, and the Secretary requested to make certain alterations. The records were then approved.

Mr. Shepard reported relative to the North Andover and Reading reservation that the probate court had allowed the petition of the Commission that the administrator of Mr. Batchelder's estate should make conveyances of the Batchelder lands to the Commission, and that the decree of the court had been turned over to Mr. Haynes. The report of Mr. Shepard relative to this matter was approved by the Commission.

It was

V O T E D that Mr. Shepard be authorized to go before the Governor and Council for the purpose of obtaining authority from them to take by right of eminent domain the several reservations already acquired by the Commission.

The monthly report of Mr. Haynes, dated July 3, relative to the progress being made on the various reservations was read. The report is as follows:-

"In compliance with instructions from the Chairman of the Commission calling for a report each month covering work done through the expenditure of the Commission's funds, the following report is submitted for the period of June 6 to July 5, 1916.

Plymouth and Carver Reservation

At the last meeting of the Commission, on June 6th, certain items in connection with the Plymouth and Carver lands were left unsettled. These items are listed in the report submitted at the last meeting, and are, by number, as follows:-

Numbers 1, 2, 4, 5, 6, 7, 8.

In regard to Items No. 1 and No. 2, would recommend that no definite action be taken at this meeting.

Item No 7, has been temporarily settled by placing Mr. Alfred Shaw, of South Carver, in charge of the reservation during the months of June, July, and August, and putting him on the work of clearing roads. This work comes under the fire-protective line, and most of his pay can be taken from the fund authorized by the Commission for fire protection.

Item No. 8. In connection with this item a letter was written to the Forest Service at Washington asking for any data at hand covering the regulations of public use of the various government reservations. The data received from Washington is appended to this report.

Plymouth and Carver Furniture

There has been more or less misunderstanding since the Game Farm purchase as to the ownership of the furniture in the bungalow and reservation house. It is certain, however, at the present time that the ownership lies in the hands of the American Game Protective and Propagation Association. In order to bring about a possible definite settlement of the matter, Mr. Haskell, attorney for the Association, came to Boston on June 30th last, and after submitting an itemized account of purchases made by his Association in fitting out the two buildings agreed to sell to the Commission for \$250 everything owned by his Association at East Head, excepting 1 farm wagon, 1 democrat wagon, and 2 riding saddles.

The itemized sheets covering the various items involved are submitted with this report. From them it appears that the Association has invested for equipment listed the sum of \$804.47.

Deducting from this amount

1 democrat wagon	\$125.00
1 farm wagon	.75
2 saddles	72.50
	<hr/> 272.50

the amount of \$531.97 is arrived at.

The amount asked for the equipment by the Association is therefore forty-seven per cent, or a little less than one-half of the cost.

The wire around the various bird pens on the property does not enter into the calculation.

Part of the time during the past month has been used in looking up the land and owners of same east of the present reservation lines. More time will be required in looking up land and owners before an intelligent report can be made to the Commission.

Other work done in connection with the Plymouth and Carver reservation has consisted of securing fifty-four large oil barrels from the Highway Commission and of getting them up to the reservation. These barrels are to be scraped and painted and distributed along the roads of the reserve for water storage. About two miles of road have been grubbed over and put in shape for use.

Otter River State Forest

A trip was made to this reservation in order to find out what was necessary to be done to complete boundary line work. It was found that several corner bounds still remain to be set, two, and probably three, bounds already set must be dug up and changed, one or two long lines should be marked with intermediate pipes or stakes, and the entire exterior boundary, excepting the river line, needs clearing. The expense of this will be about \$250.

In connection with Item No. 1 on the last report under the Otter River State Forest I wish to report that the matter of fencing land between Rumrill and the Commonwealth has been turned over to Mr. Cook, inasmuch as Mr. Cook's branch of the service seemed willing to assume all expense in regard to fencing matters.

What action will the Commission take in regard to purchasing six acres of land for \$50 from Mr. Burgess, of Winchendon? This land is needed to complete the State's boundary along Millers River and Priest Brook. The area is planted to young Scotch pines, which are doing finely. Mr. Burgess has reduced his selling price by \$25. I would respectfully recommend that this parcel be acquired at once.

Andover Lands

Mr. Shepard has stated that it is reasonably safe to proceed with the purchase of the Irving-Batchelder parcels in Reading and North Andover, and deeds for the several parcels will be drawn up this week.

Explanation of Item of Labor on Statement of May 1, 1916 - \$2923.25

Winchendon

Fire lines, June to Sept., 1915, Foreman and 3 men	\$682.50
House, October, 1915, Foreman and 3 men	401.50
Surveying, Dec., 1915; Jan., 1916, Foreman and 5 men and draughtsman	517.03
Brushcutting, Jan., Feb., 1916, Foreman and 5 men	539.00

<u>Winchendon</u>	(cont.)	
Cutting hay,		\$ 7.00
Ploughing and harrowing,		8.25
Drawing bounds,		17.50
		<u>\$2172.78</u>

<u>Carver</u>		
Nov., 1915, to May 1, 1916,		
Foreman and 2 men		652.76

<u>Miscellaneous</u>		97.71
		<u>\$2923.35 "</u>

V O T E D that said report be made a part of the official records.

The several items contained in said report were discussed, and disposed of in the following order:-

In connection with the report on Item No. 1 in report of June 5, relative to the Barrows' parcel of land, it was

V O T E D that Mr. Haynes be directed to make further investigation and report to the Commission.

In connection with the report on Item No. 2 in report of June 5, relative to land of the Cape Cod Cranberry Company, it was

V O T E D that Mr. Haynes be authorized to purchase five hundred and sixty-seven acres of land at one dollar and six cents per acre.

In connection with Item No. 4 in report of June 5, after considerable discussion it was

V O T E D that the Plymouth and Carver reservation be officially named "Myles Standish State Forest"

In connection with Item No. 5 in report of June 5, relative to a tablet for the Myles Standish State Forest, it was

V O T E D that the Secretary be authorized to procure a tablet similar to the one at the Otter River State Forest, suitably inscribed with the name of the forest and the names of the Commissioners, and that Mr. Haynes be instructed to procure a suitable monument upon which to place a tablet, and also to have placed upon it an arrow and letters of brass which shall indicate the points of the compass.

After a brief discussion the Commission decided that the proper site for said monument was in front of the large bungalow at present on the reservation.

In connection with Item No. 6 in report of June 5, relative to granting use of the bungalow, it was

V O T E D that the matter be laid upon the table.

In connection with the report on Item No. 7 in report of June 5 relative to having a caretaker appointed for the reservation, it was

V O T E D that the appointment made by Mr. Haynes of a temporary caretaker for the reservation be approved.

Relative to the furniture in the buildings on the reservation it was V O T E D that the Secretary be instructed to write Mr. Haskell, of the American Game Protective and Propagation Association, that in the opinion of the Commission the personal property in the buildings on the reservation is the property of the Commonwealth of Massachusetts.

(After the meeting had adjourned, and based upon new information received by members of the Commission, the Secretary was informally instructed by the Chairman to withhold any action along the line voted by the Commission, and Mr. Haynes was instructed to continue his negotiations with Mr. Haskell in the matter. The Secretary thereupon called the matter to the attention of the other two Commissioners, and obtained their approval of the action of the Chairman.)

In connection with Item No. 1 in report of June 5, relative to the Otter River State Forest, it was V O T E D to authorize Mr. Haynes to complete the boundary-lines and to cause stone corner post to be set at a cost of approximately two hundred and fifty dollars for the necessary work to complete the boundaries of said reservation.

It was also

V O T E D that the boundstones be properly numbered, the numbers being painted instead of being cut into the stone.

It was

V O T E D that in future all matters of fencing be turned over to the State Forester's department.

Based on the recommendation of Mr. Haynes in his report of July 3, it was

V O T E D to purchase six acres of land of Alfred Burgess of Winchendon for the purpose of completing the boundary line of the Otter River State Forest.

V O T E D to purchase of Mrs. Millard White a certain lot of land containing five acres included within the present boundary lines of the Otter River State Forest, at a price of twenty-five dollars.

A letter was read by the Secretary from Mr. William C. Adams, Chairman of the Fish and Game Commission, dated June 30, and the Secretary was authorized to reply to same conveying to Mr. Adams the appreciation of the Commission of the interest shown by him and the hope that the full Board of Fish and Game Commissioners will carry out the suggestions of its chairman.

Mr. Parker brought up the question as to how the bungalow at the Myles Standish State Forest should be used in the future, and it was decided that for the present at least it shall be used only by the Commission for official purposes.

Chairman Parker then brought up the question of jurisdiction with regard to State forests, and after some discussion it was determined that while the State Forester under the law has the management of these forests the State Forest Commission does not surrender its right to control, and that all papers, documents, and data of what-

soever nature, shall remain in the possession of the State Forest Commission./

It was

V O T E D that Mr. Shepard be requested to interview the Sergeant-at-Arms with a view to obtaining at as early a date as possible a room for the use of the Commission.

V O T E D that the Commission start on Monday, July 24th, on a trip of investigation covering Martha's Vineyard Island and possibly Nantucket, and on the return trip look over Purgatory Chasm.

Adjourned at 1 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

-: M e m o r a n d u m :-

State Forest Commissioners' Trip,
to the islands of Nantucket and
Martha's Vineyard, and also Pur-
gatory Chasm in the town of Sutton.
July 24 to 28, inclusive, 1916.

The members of the Commission, with the Secretary, left Boston by automobile on Monday, July 24th, at 10:30 A.M. Luncheon was had at the Bridgewater Inn, at Bridgewater, and the Commission then visited the nursery at the State Farm, and then proceeded to Falmouth Heights, where dinner was had at the Terrace Gables.

Immediately after dinner the Commission proceeded to Woods Hole, and the seven o'clock boat was taken for Vineyard Haven.

The party was quartered over night at the Mansion House, Vineyard Haven.

Tuesday morning, immediately after breakfast, the Commission went by auto to Gay Head, looking over the lands in the interior of the island while en route.

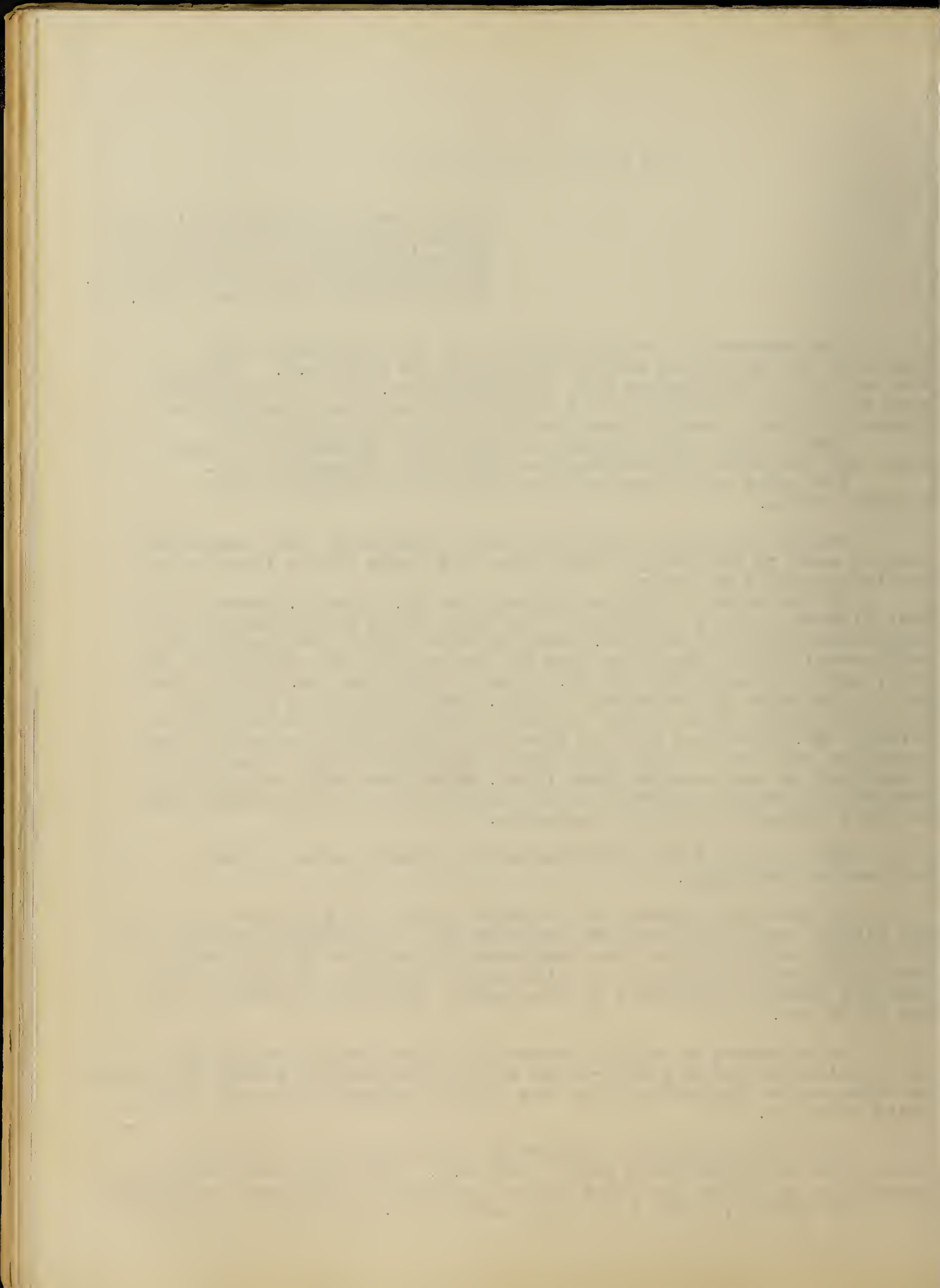
On the return trip they called upon Mr. James F. Adams, of West Tisbury, who is a member of the State Board of Agriculture. The Commission discussed with Mr. Adams at some length the feasibility and probability of obtaining land on that portion of the island, and then, upon the suggestion of Mr. Adams, called upon Mr. Rotch, chairman of the Board of Selectmen, who Mr. Adams had stated possessed more information with regard to lands than any other person on the island. Mr. Rotch was able to give the Commission considerable information relative to the lands owned by a German count named "Baron-roche", and it was arranged that if Mr. Rotch were able to obtain further information relative to the possibilities of acquiring lands he would forward it to the Commission.

While on this trip the Commission formally voted to omit the meeting in August.

On Tuesday afternoon the Commission went to Edgartown via Oak Bluffs, and from Edgartown returned back to Vineyard Haven by way of an old road which took the Commission through the country which was burned over last year. At 4:30 in the afternoon the Commission took the boat at Oak Bluffs for Nantucket, where they stopped at the Sea Cliff Inn.

On Wednesday a pair of horses and driver were procured and the Commission took a twenty-seven mile drive over the island and visited an eighty-acre plantation which was planted several years ago by the State Forester.

Thursday morning the Commission took the boat at 7:45 for Woods Hole, arriving there about 10:30 A.M. They then proceeded by automobile to follow the shore route, lunching at Fairhaven, and thence on to New Bedford, where a call was made on Mr. Coggeshall, superin-



tendent of the New Bedford Water Works. While at City Hall the Commission received a call from Mr. Reynolds, of the "New Bedford Standard!" From New Bedford the Commission went to Mansfield, where the night was passed at the Mansfield Inn.

Friday morning an early start was made for Purgatory Chasm in the town of Sutton. The Commission went first to Uxbridge, where Mr. Seagraves was met, together with several other prominent citizens of Uxbridge, Sutton, and adjoining towns. In several automobiles the party then proceeded to Purgatory Chasm, where a careful examination was made of the Chasm itself, as well as the forest land surrounding it. Luncheon was served at the Chasm, Messrs. Seagraves and Burnett acting as hosts.

From Purgatory Chasm the Commission began its return trip, proceeding first to Lancaster, where Mr. Parker was left at his home, and thence to Waltham where Mr. Shepard and Mr. Bailey took the train for Boston, Mr. Rane going to his home in Newton.

Records of the twenty-second (22d) regular meeting of the State Forest Commission held at the office of the State Forester, Room 410 State House, Boston, Mass., on Tuesday, September 5, 1916, at o'clock A.M.

Present, Messrs. Parker and Shepard.

The records of the previous meeting were read and approved.

Mr. Shepard reported that, pursuant to a vote of the Commission made at the previous meeting, he interviewed the Sergeant-at-arms relative to a room for the use of the Commission, and was informed by that official that the matter rested in the hands of the Governor's Council. Thereupon he interviewed Mr. Hamlin, the Executive Secretary, and was referred by him to Councillor Wright, chairman of the committee having the allotment of space in charge, and was informed by Mr. Wright that at the present time things were in so chaotic a state that it was impossible to give definite information but that eventually a suitable room would be assigned by the committee to the State Forest Commission.

Mr. Shepard also reported that he had deferred going to the Governor and Council for approval of the right to take land by eminent domain until such time as the boundaries of the reservations were completed and properly marked.

The monthly report of Mr. Haynes, dated September 5, relative to the progress being made on the various reservations was read. The report is as follows:

"The following report covering work accomplished through the expenditure of the Commission's funds is submitted for the period of July 5 to September 5, 1916.

Myles Standish State Forest.

In connection with this forest the instructions of the Chairman of the Commission called for the extension of the present east boundary line of the reservation to the Agawam River if possible to make such extension. In pursuance of these instructions the owners of the area desired were looked up, in most cases found and interviewed, with the result that it is necessary to report at this time that, with one or two exceptions, the owners do not care to dispose of their holdings. The following reasons are given for the owners' attitudes:

1. Cranberry bogs under cultivation along the Agawam River and other portions of the area.
2. Price of \$1.00 per acre too small to constitute an inducement to sell.
3. Restrictions on hunting. (A possible reason.)

In one case where the owner (Mr. G. R. Briggs) held title to 600 acres in one block and directly adjoining the present State Forest east line the owner did not care to sell for the reason that he desired to eventually develop the area himself, and mostly along similar lines to those contemplated by the Commonwealth. As a result of the time spent in looking up more available land in the section adjoining the present reservation lines it appears reasonable

to believe that, if the present lines are to be extended, they must be extended on the north and south ends of the reservation instead of on the east and west boundaries, unless the Commission desires to condemn and take the several hundreds of acres on the east and west sides by the right of eminent domain.

About 300 acres lying near the Agawam River can be secured at \$1.00 per acre, but these 300 acres would not adjoin the main reserve at this time.

The present area of the Myles Standish State Forest is as follows:

Main purchase	5600 acres.
Acquired since main purchase	230 "
	75 "
	15 "
	568 "
Total	6488 acres.

This total is submitted subject to possible unknown outside owners claiming an interest in the main purchase at some later date.

The constructive work on the Forest accomplished during the past two months has been mainly along fire protective lines. From one to four men have been employed during June, July, August and September in the work of putting the several miles of nearly unused roads in better condition for quicker transportation of fire apparatus and men in case of fire. Several miles of road are now open, some of them being in condition for the use of automobiles. The 54 large oil barrels secured in June have been scraped and painted and are ready for distribution as storage bases for water. Out of the \$200 fund authorized for the purpose there have been purchased double-forester pumps, single pumps, shovels, mattocks, Marshfield cans and milk cans. This equipment is at the reservation buildings and ready for use.

Twenty-six cement bounds $5\frac{1}{2}$ feet long and 6 inches square have been made and are ready for placement at corners. Also 144 pipes have been purchased, red leaded and made ready for intermediate line markers.

The furniture and other equipment in the reservation buildings has been purchased by the State House Commission and is now, therefore, the property of the Commonwealth.

Andover and Reading Forest.

The status of this forest is the same as at the meeting of the Commission on July 5, 1916. It appears to be better at this time to try and acquire certain lands necessary to connect parcels already purchased before making a final survey of the exterior boundary lines.

The deed transferring the Irving F. Batchelder parcels to the Commonwealth has been executed by the administrators of the estate, and the property is therefore now in the possession of the Commonwealth.

Otter River Forest.

Work accomplished through the expenditure of the Commission's funds on this forest during the past three months has consisted of the brushing and clearing of the exterior boundary lines. Two men have been employed. The line clearing is practically completed at this time and the lines are free and clear to a width of from four to six feet. Providing the lines are brushed in the future when necessary, there seems to be no reason for any person mistaking the position of the State Forest lines.

Purgatory Chasm.

were Special Investigation.

Three days, spent in August in making an investigation and in getting together data for a report and a plan of this property. Both plan and report will be submitted to your Commission at a later date."

V O T E D that said report be made a part of the official records.

After some discussion it was

V O T E D that Mr. Haynes go to Douglas and secure options on lands known as the Douglas Woods.

Mr. Haynes reported that he had granted permission to Mr. Morris Weitzner, of Boston, to camp with three other gentlemen on Myles Standish State Forest, and his action in the matter was informally approved by Chairman Parker.

Adjourned, 12 o'clock M.

Charles O. Bailey

S e c r e t a r y.

Records of the twenty-third (23d) regular meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, October 3, 1916, at 10 o'clock A.M.

The only member of the Commission present was Chairman Parker, Mr. Shepard having been called out of the state, while Mr. Rane was attending a field meeting of the moth men of Middlesex County. The Secretary, Mr. Bailey, and Forest Engineer, Mr. Haynes, were also present.

The records of the previous meeting were read by the Secretary and were approved.

Mr. Haynes then submitted his report of the work accomplished on the several state forests during the months of August and September. His report follows.

"The following report pertaining to work accomplished through the expenditure of the Commission's funds is submitted for the period of September 5 to October 3, 1916.

Myles Standish State Forest.

The road work on this forest has been continued through the month of September and the money expended has been used from the authorized fund for fire protective purposes. The fund at present stands as follows:

Authorized amount		\$1000.00
Equipment purchased	\$180.00	
Expenditure on roads to date	344.75	524.75
Amount left for fire work		\$475.25 /

The tablet and points of compass for the Myles Standish State Forest have been ordered through the firm of T. F. McGann & Sons Co. and should be ready for placement sometime in October. Owing to the increased cost of bronze metal the tablet will cost more than that for the Otter River Forest. The figures submitted by the McGann Co. are as follows:

24 1/8"x 13 1/2" tablet	\$43.00
12" arrow marker	7.00
	<u>\$50.00</u>

The work connected with the making of the final transit survey of the forest's boundaries and the placing of corner bounds and intermediate pipe markers will begin this week, and it is estimated that five weeks will be required to complete the survey.

Otter River Forest.

In connection with this forest, an investigation made during the summer had a strong tendency to show that the last survey of the south and east parcels of the forest was not made in keeping with the degree of accuracy desired and required by the Commission. Following instructions from the Commission, a re-survey of the boundary lines of the south and east parcels was begun on August 30th and completed on September 20th. The survey showed serious angle and chainage errors on several of the lines. The errors were of such a nature as to make the re-survey necessary. All bounds remaining unset were placed. In the case of three or four

corners it appeared best, on account of the soft and swampy nature of the ground, to place pipes instead of granite bounds. The corners have been numbered consecutively around the exterior lines of the entire forest, and the survey data when figured and plotted should now be sufficient for the making of a taking of the entire area.

Following is an outline and estimate of further expenditure of the Commission's funds during the next few months.

Amount on hand Oct. 1st. \$8,262.90

Remaining amount of fire fund	\$475.25	
For purchase of tablet	43.00	
" " " arrows	7.00	
Estimated cost of cement block	5.50	
To be purchased in Reading, 15 A. @ \$3	45.00	
Salary to May 1st	875.00	
Estimated cost to complete lines of Myles Standish Forest	623.00	
Transportation	75.00	
Drafting paper, cloth, etc.	20.00	
Title searching	10.00	
Time of 3 men up to Sept. 30	30.00	
Unpaid bills	154.00	
		2,362.25
		\$5,900.65

The above amount of \$5,900.65 will be available for the purchase of land in Webster and Douglas after deducting all expenses known at present.

Douglas and Webster Lands.

In connection with the securing of options on land within the burned over section of Douglas and Webster a trip was made to Webster on September 26th. As a result of the time spent in Webster I would recommend to the Commission that options covering an area of from 1000 to 1200 acres be secured by Mr. Wakefield, Civil Engineer of Webster, and for the following reasons: 1. To save the Commission money. Mr. Wakefield is probably more familiar with the lands under consideration than any other person in the section, owing to the fact of his being a resident engineer and of having made surveys of several parcels within the area. He also knows many of the owners. 2. Mr. Wakefield states that he already has plans of several of the lots belonging to Mr. Pattison, the largest single owner. 3. Mr. Wakefield has agreed to plot the outlines of a sufficient number of parcels to bring the block up to 1500 to 1600 acres, and to secure options sufficient to cover an area of this size. His terms for this amount of work would be \$100.00. It would appear to be a saving proposition for your Commission to have Mr. Wakefield do this work inasmuch as he has data already at hand that would take one not familiar with the region considerable time to get."

V O T E D that said report be made a part of the official record.

Based upon his report relative to running lines and securing options in the so-called Douglas Woods, it was VOTED that Mr. Haynes be authorized to engage Mr. Wakefield to proceed, under the following conditions: Mr. Wakefield to be given six weeks time in which to secure options on lands which should aggregate

1500 acres in one block; providing, however, that these lands should be obtained at an average price not to exceed \$3 per acre. If in some instances he finds it desirable to secure parcels of land in order to complete the above named area of 1500 acres and which are held at a price exceeding \$3 per acre, it is understood that he shall take the matter up with the Commission for instructions.

In taking the above action the Commission have authorized Mr. Haynes to pay Mr. Wakefield for his work as outlined above \$100.

Several other matters of minor importance were discussed without official action, and the meeting adjourned at 12 o'clock.

Charles O. Bailey

S e c r e t a r y.

Records of the twenty-fourth (24th) regular meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Monday, November 6, 1916, at 10 o'clock A. M.

Members present, Messrs. Harold Parker, Harvey N. Shepard and F. W. Rane.

The records of the previous meeting were read and approved.

Mr. Haynes then submitted his report of the work accomplished on the several state forests during the month of October. His report follows.

"The following report covers the period between October 3d and November 4th, 1916.

Myles Standish State Forest.

This forest is the only one yet established upon which any work was carried on during the past month through the expenditure of the Commission's funds. The transit survey of the exterior boundary lines began on October 6 and will probably be completed by December 1. This survey entails, besides the securing of line data, the placing of all corner bounds and intermediate markers and the clearance of all uncleared exterior lines.

The road clearing work has been continued through the month of October, and funds are available from the authorized fire protective fund with which to continue the road work for another month. The roads opened up this season, together with some as yet uncleaned, have been surveyed along with the boundary survey and will be shown upon the plan of the reservation to be made later. Through the use of the money expended by your Commission during the past five months the reservation has been made readily accessible over a large area. There is, however, a considerable amount of work which should be done before the entire reservation is as open as it should be.

The small cranberry bog on the reservation and owned by the Commonwealth yielded its first crop of berries this season. The yield consisted of 102 boxes of berries, which were sold to Mr. H. F. Atwood of So. Carver for \$63.00. Out of this amount \$17.10 was expended for the picking of the berries, leaving a profit of \$45.90. This amount, together with \$10 secured from the sale of hay cut on the reservation, makes a total revenue of \$55.90. This amount has been turned over to Miss Hubbard. An opinion from your Commission regarding the disposition of revenue secured in the above manner is desired.

Does the Commission desire to retain the bog under possession of the Commonwealth, or is it for sale? One party in So. Carver has indicated he would consider its purchase for \$700 or \$800.

An option on the land around College Pond has finally been secured from Mr. J. J. Russell of Plymouth for \$1,000, and the same is now before your Commission for acceptance or rejection. This option covers a three-fourths interest in the 11th, 14th, 15th, 16th and 17th shares of the 6th great lot, the other one-fourth interest in the same shares being in possession of the Commonwealth. These shares, according to the available data, comprise in total an area of approximately 428 acres, including College Pond with an area of 62 acres.

This land is assessed at \$500 in value, which constitutes the highest assessed valuation of any piece of wild land within the reservation lines. It would appear to be very desirable for the Commission to secure this land in order to eliminate private holdings as much as possible, thereby reducing possible causes of friction through the administration of state laws governing state reservations and through the execution of plans for the development of the land in the future.

The one-half interest in the 18th share of the 6th great lot, comprising an interest in land just south of and adjoining that of Mr. Russell, is still open for a decision from the Commission in regard to purchase. This constitutes a one-half interest in 98 acres of land, price to be \$200. The other one-half interest is held by the Commonwealth.

Douglas Lands.

Following the approval of your Commission at its last meeting, Mr. Benjamin Wakefield, Civil Engineer of Webster, Mass., was notified to proceed in the securing of options on 1500 acres of land in the burned over area in Douglas and Webster, and according to agreement to furnish a plan covering the location and ownership of the various lots within an area of the above size.

Two letters have been received from Mr. Wakefield stating what he has accomplished up to date; also a plan showing the approximate outline of the various parcels upon which he is attempting to get options. Following are copies of Mr. Wakefield's two letters.

1.

October, 19, 1916.

'Have drawn a working plan of the land we wish in Douglas Woods, and know about what lots should be purchased. Mr. L. E. Pattison of this town owns 500 acres or more directly in the central portion of this area, and thus it becomes necessary to make an arrangement with him for his land before we go any further; otherwise it would not be much use to purchase south of the Webster and Douglas turnpike road. Mr. Pattison is willing to sell the waste land, but does not wish to sell the land containing any wood and timber with a stated time to remove it, on account of the condition of the labor market, which makes it so difficult to obtain choppers and teamsters. Otherwise he is agreeable to a sale of this tract, which is near the Webster and Douglas line.

I thought I would advise you in this matter at the earliest moment, as perhaps you might help me to make some arrangement with Mr. Pattison agreeable to him.

If you intend to visit Webster please advise me a day or two in advance.'

2.

November 3, 1916.

'Enclosed find plan of land in Douglas Woods according to your request of October 21st. You will notice that the tracts overlap in a great many places, insomuch that it reduces the acreage called for in the deeds considerably, and also makes it very hard to draw a correct plan, although I am familiar with most of these tracts.

Have been extremely busy with municipal work during October; in fact it seemed as if most of the season's work was crowded into that month. For that reason I have been unable to devote much time to the Forest work outside of the plan, but so far as I have investigated I find the same trouble with nearly all the land owners that I had with Mr. Pattison. They all seem to be afraid of

the labor market, and I must acknowledge it is a serious problem. However, will do what I can in securing options.

I trust the plan is satisfactory."

Mr. Haynes reported that a certain amount of money had been received by him on account of sales of cranberries and hay. It was V O T E D that the Secretary confer with the Auditor with the view of determining what disposition shall be made of such funds.

With regard to the two parcels of land reported upon by Mr. Haynes located within the boundary lines of the Plymouth and Carver reservation it was

V O T E D that the Secretary take the matter up with the Attorney-General and get his written opinion as to whether or not it is better to pay the price asked for the land or to take the same by right of eminent domain, abiding by the decision of the court at the time of taking.

V O T E D that it is the feeling of the Commission that no cutting rights be given in connection with any purchase of land in the so-called Douglas Woods which would cover more than one year's time.

V O T E D that the Secretary, Mr. Bailey, be instructed to obtain, if possible, from the Attorney-General his written opinion with regard to the expenses which may properly be charged to the general appropriation and not be considered a part of the purchase price.

V O T E D that Engineer Haynes be instructed to examine and report upon the quality, quantity and price of land in the town of Savoy and report at the next meeting of the Commission.

V O T E D that the Secretary prepare and submit the estimates of moneys needed during the next year to the State Auditor as required by law. It was further

V O T E D that the Commission recommend to the General Court the desirability of appropriating an additional sum of \$20,000 to be expended in the care and planting of the state forests already or hereafter acquired by the Commonwealth through said Commission in accordance with the provisions of chapter 720, Acts of 1914.

V O T E D that the State Forester pay such part of the expense incurred in making fire lines and purchasing apparatus as his appropriation will allow, said fire protection being authorized by vote of the Commission at its meeting of April 3, 1916.

(The intent being that the State Forester shall reimburse the State Forest Commission for moneys expended under authority of the above vote.)

Charles O. Bailey
S e c r e t a r y.

- M e m o r a n d u m -

November 15, 1916.

In connection with the examination of the Savoy lands Mr. Haynes reported to Mr. Parker at the office of the State Forest Commission on November 15th that upon investigation he finds that options may be obtained upon about 1700 acres of land at a price within \$5 per acre; whereupon Mr. Parker requested the Secretary to call Mr. Shepard on the telephone and explain to him the situation, which was done. Mr. Shepard gave his approval to the suggestion of Mr. Parker that Mr. Haynes proceed to secure the options.

Records of the twenty-fifth (25th) regular meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, January 2, 1917, at 10 o'clock A. M.

Members present were Mr. Harvey N. Shepard and Mr. F. W. Rane; Mr. Shepard acting Chairman.

The records of the previous meeting were read and approved.

Mr. Haynes then submitted his report of the work accomplished on the several state forests during the months of November and December. His report follows.

"The following report covers the period between November 6, 1916, the date of the last meeting of the Commission, and November 30, 1916, the close of the fiscal year.

During this period the main work accomplished consisted of the completion of the boundary survey of the Myles Standish Forest and line clearance. This work is now finished, the corners marked by monuments, the lines with pipes, and data is at hand for the making of a final map of the entire tract and also the making of a taking of the area under the Eminent Domain Act. In connection with the placing of pipes for intermediate markers along the boundaries it was necessary over about ten miles of the lines to use old pipes that had been in the ground for twenty years. It would seem best during the coming spring or summer to purchase new pipes to substitute for these old ones, inasmuch as the lines should be so marked that they will not need re-marking for at least 25-30 years.

At the present time along the northeast section of the present east boundary line of the reserve there is a good sized stretch of open country comprising several hundred acres that can perhaps be added to the reserve. This open country contains very little cover and is of a desirable kind. There is also adjoining our present north lines a fair amount of desirable land. If your Commission is not averse to the addition of more land to the Myles Standish Forest, I would respectfully suggest that you authorize the looking up of possible owners of this land with the idea of purchase in view. The addition of 1500 acres to that already purchased would very likely include some of the most desirable planting land in the immediate section.

Savoy Lands.

Following instructions of your Commission a brief investigation of lands in Savoy was made on November 14 and 15 and a report was submitted in connection with them. Further instructions called for the securing of options on about 1700 acres of the Savoy lands, and these options are on hand at this office at the present time. As nearly as can be estimated from data contained in the options they cover an area of about 1800 acres of land in twenty adjoining parcels, and the average per acre price is \$4.40. Does your Commission desire to accept the options on the Savoy lands?

Douglas Lands.

The Douglas lands proposition has progressed to a point where it appears that options can be secured covering from 1000 to 1500

acres of land in several adjoining parcels at an average per acre price of from \$3.00 to \$3.50. Does your Commission desire to proceed with the securing of options on the Douglas lands?

The option on land owned by J. J. Russell of Plymouth is still on hand and open for acceptance or rejection by your Commission. An opinion from the Attorney-General in connection with this land has been secured and is before you. The Russell option expires in two days and will not probably be open for renewal.

The question of purchasing the one-half interest owned by Mr. Barrows in the share just south of and adjoining the Russell property has not as yet been settled by the Commission.

The report and plan in connection with the Purgatory Chasm investigation have been completed and submitted.

A financial statement of the year's expenditures from the Commission's funds is appended to this report. The statement was drawn by Miss Hubbard and shows that there was on November 30, 1916, the sum of \$7,210.57 of unexpended money on hand."

It was

V O T E D that the purchase of pipes to be used in marking the boundary lines be deferred, with the hope that a more favorable price may be obtained later.

Mr. Haynes then read a report on his investigation of the lands in the town of Savoy. The report follows.

"The following report covers information secured during a brief investigation of lands in Savoy township on the dates of November 13 and 14, 1916. As a result of the investigation it appears reasonable to state that your Commission can secure from 1200 to 1700 acres of land in that section at an acreage price of \$5 per acre.

The lands looked over consist of nine parcels, some of them being old farms at present unworked to an appreciable extent, and if worked, constituting a rather discouraging and unsatisfactory proposition for the owners. The area is made up of open farm, pasture, and cut over woodland, plus a certain amount of hardwood and coniferous growth. The farms which can probably be purchased are as follows:

Walker Farm.

This farm contains about 600 acres. Upon it stands at present a summer hotel which the owners, Harmon and Thayer, desire to reserve together with about 50 acres of land surrounding it. The remaining area can be purchased for \$4.00 per acre, and probably for \$3 per acre.

Upon the Walker Farm is the tract of 42 acres purchased by the state about two years ago and upon which is located the 50-foot steel tower belonging to the state and erected for forest fire observation purposes. The Walker Farm property has been to a large extent cut into for lumber during the past three years and these operations will continue for one year more.

The other parcels adjoining the Walker place are the

Jones Farm		of about	200	acres
Tower	" No. 1	" "	150	"
Tower	" No. 2	" "	180	"
Healy	"	" "	120	"
Ingraham	"	" "	18	"
Bliss	"	" "	150	"
Borden	"	" "	75	"
Blue	"	" "	80	"
McGraw	"	" "	94	"
Miller	"	" "	91	"
Fuller	"	" "	185	"
			<u>1343</u>	
	Walker Farm		550	
			<u>1893</u>	acres

The above farms have on them two or three houses and barns, none of which are of much value except the summer hotel before mentioned. One of the houses could, however, with repairs be made suitable for a reservation house.

The Savoy section is an excellent section for timber production. The township has formerly grown excellent white pine timber and a few stands of this species are to be found at present. On the area looked over spruce and fir make a good growth, and it is believed that heavy stands of spruce, pine and fir can be grown upon the lands looked over."

After considerable discussion it was
V O T E D that the Secretary consult the State Auditor in an effort to determine if the unexpended balance of \$7,000 can properly be used for the purchase of these lands, and if so, that Mr. Haynes be given authority to proceed to purchase the same.

After some discussion of the so-called Douglas lands it was
V O T E D to defer action for the present.

It was also
V O T E D to defer action on the matter of purchasing the undivided interests of Russell and Barrows in the lands located within the boundaries of the Myles Standish State Forest.

It was then
V O T E D that the State Forest situated in the towns of Andover and North Reading be named the Harold Parker State Forest in memory of the former chairman of the Commission.

The Commission adjourned at 12 o'clock M.

Charles O. Bailey
S e c r e t a r y.

Records of the twenty-sixth (26th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410 State House, Boston, Mass., on Tuesday, January 30, 1917, at 10 o'clock A.M.

Present, Messrs. Shepard and Rane.

The records of the previous meeting were read and approved.

Mr. Elisha Whitney, the newly-appointed member of the Commission, who had not qualified, was present, in order to get general information with regard to the duties of the position before arriving at a definite conclusion with regard to acceptance. In connection with the discussion Mr. Whitney stated that before becoming a member of the Commission he desired to have one matter in particular definitely settled, and that was with regard to an extension of time in getting off wood and lumber from some of the lands sold to him by the Commission. His reason for asking for an extension of time is because of the delay in passing titles after the original bargain was made; also on account of the scarcity of help the present season. He stated that two months would be all that he would require. Mr. Haynes, the forest engineer, when asked for an opinion with regard to the matter, stated that such extension should be granted, and it was

V O T E D that such extension of time be granted Mr. Whitney.

The Secretary, who had been requested at the previous meeting to consult the Auditor with regard to the use of the unexpended balance of Seven thousand dollars, reported that the Auditor's department had informed him that it would be perfectly proper to use such funds for the purchase of the Savoy lands.

With regard to selling certain undecided interests in lands, the Commission decided not to dispose of said interests.

Letters of Dan E. Glazier, of South Leverett, dated January 23, and A. B. Ross, Millers Falls, dated January 15, in which offers of land were made to the Commission in different parts of the State, were read, and it was

V O T E D that no definite action be taken until the legislature has finally determined upon the amount of money they will make available for the use of the Commission for the current year.

The Secretary presented the bill of B. A. Wakefield, civil engineer and surveyor, of Webster, dated January 16, for Sixty-five dollars on account of services rendered in connection with the Douglas lands, and it was voted that said bill be approved.

The verbal request of Isaac A. Flint, of North Reading, that certain parties be given an extension of time in cutting-rights was considered by the Commission, and it was decided that the original agreement should be strictly adhered to.

After some discussion it was

V O T E D that Mr. Haynes take charge of the matter of title work in connection with the purchase of the Savoy lands, he to consult with Mr. Shepard at his discretion.

The hearing before the Committee on Agriculture relative to the Twenty thousand dollar appropriation which is to be held on February 6, 1917, was called to the attention of the Commission, and Messrs. Rane and Shepard signified their intention to be present.

Adjourned at 12 o'clock M.

Charles O. Bailey

S e c r e t a r y.

Records of the twenty-seventh (27th) regular meeting of the State Forest Commission, held at the office of the State Forester, Room 412 State House, Boston, Mass., on Tuesday, March 6, 1917, at 10 o'clock A.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

On motion of Mr. Whitney, seconded by Mr. Rane, Mr. Shepard was elected chairman of the Commission.

Mr. Haynes, engineer for the Commission, made a verbal report on the work carried on during the past month on the several State forests, and the said report was approved by the Commission.

The Commission then took up the question of future planting, which was discussed at some length, and it was

V O T E D that the State Forester, cooperating with Mr. Haynes, be authorized to expend the sum of Five thousand dollars in planting on the Myles Forest State Forest, it being understood that Mr. Haynes shall proceed to erect a suitable camp for the accommodation of those engaged in the work.

It was also

V O T E D that an additional Two thousand dollars be expended by the State Forester in planting on other State forests, the locations to be determined by the State Forester and Mr. Haynes.

The matter of taking lands by right of eminent domain was discussed, and it was finally decided that Mr. Haynes proceed with the work of making plans and getting together the necessary data for fixing the exterior boundaries of the Myles Standish and the Otter River State forests, the Commission, on the completion of this work, to visit the forests, after which, Mr. Shepard, pursuant to a former vote of the Commission, shall ask the Governor and Council for authority to

make the takings.

It was planned to visit the Myles Standish State Forest about the first of May.

The Commission decided that options should be secured on about three hundred acres more of land at the Harold Parker State Forest and submitted for approval.

The verbal request of Mr. Ryan for use of land at the Myles Standish State Forest was presented by Mr. Haynes, and was, after more or less discussion, disallowed; and the Commission decided that they will neither sell nor rent the farming land inside the reservation bounds.

Mr. Haynes also called to the attention of the Commission the desire of the owners of the so-called Jessup property to dispose of their holdings, and definite action was deferred until after the Commission shall have viewed the property.

The Secretary was authorized to extend a vote of thanks to Mr. Colburn C. Wood, of Plymouth, for his donation of a parcel of land to the Commission for the Myles Standish State Forest.

After going into the matter in detail, the Commission
V O T E D to authorize their engineer, Mr. Haynes, to purchase an automobile, the cost of same not to exceed Four hundred dollars.

It was
V O T E D to pay the taxes due the town of Templeton on the so-called Beaman land purchased from William M. Whitney, amounting to Nine dollars and ninety-five cents.

It was also
V O T E D that Mr. Haynes be given authority to fix the compensation paid the men employed by him in the several branches of the work which he is carrying on.

The question of including the Russell property in the taking for the Myles Standish State Forest was discussed, but no definite action was taken on the matter.

It was
V O T E D that the hour of meeting of the Commission on the first Tuesday of each month be changed from ten to half past ten o'clock A.M.

Adjourned at 12:30 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the twenty-eighth (28th) regular meeting of the State Forest Commission, held at the office of the State Forester, Room 410 State House, Boston, Mass., on Tuesday, April 3, 1917, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report covering the work accomplished between the period from March 6th to April 3d. The report follows:-

"The following report covers the work accomplished between March 6th, the date of the Commission's last meeting, and April 3d, 1917.

Savoy Lands

On March 11th a trip was made to North Adams and options on approximately 1050 acres of land situated in Savoy township were accepted at an average price of about \$4.60 per acre. It is quite probable that a survey of the various parcels will show there to be more acreage than called for in the deeds, thereby reducing the per acre price of purchase. Titles on the parcels accepted have been searched, and a certified slip has been received for each title searched. The title work has cost \$8.00. Future title work will cost somewhat more.

There remains to be accepted, in case the Commission desires to do so, an option on about eight hundred acres of land in several separate parcels, all adjoining the main purchase, the land being owned at present by a Mr. Fordyce Thayer. An extension of two months' time has been secured on this option, in order that the Commission may see the land before June 1st. The per acre price on this land is \$3.75. It was not accepted with the rest for the reason that it does not appear to be the type of land most desired for purchase under the law. If after your Commission looks over this land its purchase is desired, it can be surveyed with that already accepted, and at the same time, so that no lost time is involved.

In accord with instructions given at the last meeting to have a portion of the Savoy lands planted this season, arrangements have been made to have seventy-five acres set to pine when the ground is in a suitable condition.

Mohawk Trail Trip

On March 22d, upon the request of Senator Hastings, and after taking the matter up with Mr. Shepard, a trip was made to the Mohawk Trail with the Committee on Harbors and Lands. This trip required two days' time from the Commission regular work, and cost \$14.75, which it appears is to be paid from the Commission's funds.

Myles Standish State Forest

On this forest the Commission's instructions called for making arrangements necessary for having planted about one-half million trees this season, the work entailing the construction of the necessary camps for the use of prison labor. After getting in touch with the heads of the State Farm at Bridgewater and the prison at Plymouth, these being the two sources of prison labor nearest the reserve, it was found that no labor from either place was available at this time on account of the need of the men at the prisons themselves. The

idea of using this type of labor, therefore, was given up at this time, and arrangements have been made to do the planting work with other help from Plymouth, Wareham, and Carver.

✓ The barn on the reservation has been fitted up with twenty-two bunks, a suitable kitchen and dining-room made, and the necessary plumbing work will be done and the necessary equipment purchased this week. The fitting up of this camp complete will cost probably two hundred and fifty to three hundred dollars.

The services of thirty men from the three towns above mentioned have been secured. Planting by the South Carver crew began on Friday, March 30th, and the entire crew of thirty should be at work on Monday, April 9th. The labor of these men will cost \$2.00 or \$2.25 per day and \$3.50 per day for the foremen. The board for each man is set at fifty cents per day. On account of the excessive price of food supplies of all kinds this figure may be exceeded, in which case the balance of cost will fall upon the State.

The necessary data in connection with making a taking of both the Otter River State Forest and the Myles Standish State Forest is now available for the Commission's use.

V O T E D that said report be accepted and be made a part of the official record.

In regard to the expense incurred on the Mohawk Trail trip with the Committee on Harbors and Lands, amounting to Thirteen dollars and seventy-eight cents, it was agreed, but not voted, that this expenditure could be taken from the Commission's Five Hundred dollar traveling fund.

In regard to a trip to the Myles Standish State Forest, it was agreed upon by the members of the Commission that they should meet at one o'clock P.M. on April 16th at the State House, and after luncheon proceed to the reservation, April 17th to be spent in looking over the reserve, and a return made to Boston on Wednesday morning, April 18th.

✓ In connection with the planting work being done on the Myles Standish State Forest, it was considered advisable by the Commission to plant in alternate rows Scotch and white pine and as much red pine as the State Forester's department nurseries can furnish. Mr. Simmons reported that this amount would be small (probably not over two thousand plants), for the reason that the two hundred thousand red pine plants on hand this year were to be planted on other lands.

It was

✓ V O T E D that One hundred and fifty dollars of the Commission's funds should be expended on placing cut water-barrels and along other fire-protective lines on the Myles Standish State Forest.

It was also

V O T E D that a suitable flag-pole and a State flag be secured to be used at administration headquarters of the Myles Standish State Forest, and an amount not to exceed Twenty-five dollars was voted for the above purposes.

It was agreed upon by the Commission that, beginning with the next regular monthly meeting of the Commission, and at each regular meet-

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ing thereafter, a report should be submitted showing the expenditure of money from the Commission's funds for the month preceeding each meeting.

In regard to a trip to the Otter River State Forest and the Savoy lands, it was agreed that this proposed trip be deferred until road conditions are suitable.

Adjourned at 11:45 o'clock A.M.

Engineer for the Commission
acting for the Secretary.

F. L. Haynes

Records of the twenty-ninth (29th) meeting of the State Forest Commission, held at the Administration Building of the Myles Standish State Forest on Thursday, May 9, 1917, at 7 o'clock P.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report covering the period between April 3d and May 8th, 1917. The report follows:-

"At the March meeting of the Commission the sum of \$7000 was voted to be used in planting work on the three State forests. I am sorry to report that regardless of the fact that a sincere effort has been made to accomplish the amount of planting work called for, it has been impossible to bring about the results this planting season that your Commission had anticipated, and probably expected. Partly unexpected, but not entirely unlooked-for, factors have entered into the work this spring, making it unusually expensive and not entirely satisfactory. The two main factors involved are, naturally, the weather and labor.

Weather

As stated in the report of April 3d, the planting work on the Myles Standish State Forest began on March 30th, and a long planting season for this reservation was looked for. Since March 30th, however, out of thirty-five possible working days there have been sixteen and a-half days when either snow has been on the ground or it has rained all or a part of the day. On several of the days it has been impossible to plant at all or to accomplish much work of any nature.

Labor

Owing to the unusual labor conditions this season it was necessary, in order to get workers at all, to pay most of them straight time. This has been done, with the result that, coupled with lost time involved through stormy weather, the work done has been more expensive than usual. Also, owing to the outside demand for help, labor has been rather independent, and in order to get much of the planting done

it has been necessary to keep a certain number of those employed who in ordinary years would not be retained.

Myles Standish State Forest

On this reservation approximately 114,000 trees, consisting of white, Scotch, red, and Austrian pine, larch and poplar, have been set in the field, and approximately 65,000 two-year Scotch pine seedlings have been set in the nursery, making a total of 179,000 plants. The field planting represents the actual planting-time of fourteen men a day for twenty-two days. 40,000 of these trees were Norway poplars purchased from the Delaware and Hudson railroad company at a price of \$4.25 per thousand by the State Forester. It was, and is, believed that the planting of these poplars on this reservation constitutes an experiment well worth trying. It is hoped that in them a fast-growing tree has been found that will in time suppress a large proportion of the scrub oak growth found on a large proportion of the reserve, without resorting to the expensive method of clearing the scrub before planting, and also produce a tree that may have a fair commercial value when of commercial size. These poplars have been planted on various parts of the reservation and on nearly all of the different types of area obtaining throughout the reserve as a whole, except where the heaviest scrub oak occurs. In this latter type of area it is impracticable to attempt to plant without first clearing.

Camp

When the camp at the barn was fitted up plans were made to care for at least twenty-two men, it being understood on March 30th that this number of men would be available. Equipment of all kinds was purchased for this number. After weather conditions had made planting work possible thirteen of this number had secured work elsewhere, so that the camp has been run since April 11th with from nine to thirteen men. As stated in the report of April 3d, the plan was to pay these out-of-town men \$2.00 or \$2.25 per day and charge them 50 cents per day for board, any food cost in excess of this amount to be paid for by the Commission. This plan has been carried out, but it was found that food costs were so excessive and apparently getting more so each day it appeared advisable, on May 5th, to discharge the out-of-town men and close the camp for the season. On May 8th five more men were allowed to go for the reason that conditions do not permit of doing the planting work at a satisfactory rate. There remain, to date, eleven men at work, and unless your Commission seriously object I would advise letting five of these men go on Saturday, May 12th. The remaining six men would then be sufficient to take care of any plants on hand and the few thousand more that can be obtained from the Barnstable nursery this season. There have been set up to date sufficient plants of the various kinds to demonstrate what each kind will do on various types of area during this year.

Savoy Lands

As stated in a previous report, arrangements had been made for planting possibly 50,000 to 75,000 trees on the Savoy lands this season. Owing to the lateness of the season it is doubtful if more than half of this number can be placed. Last week 12,000 pine were shipped to Savoy for planting and more will be sent as used.

Harold Parker State Forest

A crew will begin planting on this tract next week. Labor being very scarce it is unlikely that more than three or four men will be available, so that no large amount of planting can be expected on this reserve this year.

Myles Standish State Forest

In compliance with a vote of the Commission for an account of expenses incurred each month, the following is submitted:-

<u>Camp</u>	
Construction Costs:-	
Lumber	\$ 39.62
Plumbing	130.38
Nails	2.96
	<u>\$172.96</u>

<u>Equipment</u>	
Frye-Phipps	\$ 17.58
H. D. Clark Company	40.00
Homer Bros. & Muir	2.40
" " " "	63.82
Houghton & Dutton	17.42
" " "	34.22
" " "	1.17
Thomas Kelly Company	121.00
McKenney & Waterbury	19.95
O. D. Baker	27.77
Raymond Syndicate	96.00
Houghton & Dutton	4.44
J. C. Trefethen	17.51
Hub Cycle Company	8.23
Buck Saw	.90
Eastern Drug Company	8.00
	<u>\$480.41</u>

<u>Camp Maintenance</u>	
Food Supplies:-	
Lucas & Thomas	\$ 5.03
Peckham's Market	4.74
S. N. Crocker	1.16
Peckham's Market	.75
" "	2.23
Lucas & Thomas	2.59
	<u>\$ 16.50</u> up to April 5th

Full Camp Supplies:-	
Bain Brothers	\$ 87.28
Batchelder & Snyder	46.77
F. Putnam & Co.	20.05
S. N. Crocker	8.08
" " "	13.75
" " "	9.79
F. Putnam & Co.	6.50
Bain Brothers	35.19
Batchelder & Snyder	33.14
Bain Brothers	23.51
	<u>\$284.06</u> (Carried forward)

Full Camp Supplies (Cont.):-	
Brought forward,	\$284.06
Peckham's Market	1.14
F. B. Keyes	1.14
S. N. Crocker	13.18
Miscl. supplies	3.98
	<u>\$333.50</u>

Other Expenditures

Flag and Halyards	\$ 18.00
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Teaming, Express & Freight

W. H. Westgate (team)	\$ 7.50	
N.Y., N.H. & H. RR	26.45	
(freight on poplars)		
Express	.62	
"	2.00	
"	1.02	
"	3.84	
"	6.21	
"	1.50	
"	4.04	
"	.45	
"	4.00	
	<u>\$ 57.63</u>	\$57.63
Motor Parts Co.	8.63	
Cambridge Motor Co.	10.03	
H. R. Bailey	5.10	
Repair Magneto	7.45	
" Radiator	3.50	
Maxim Motor Co.	1.68	
L. H. Ellis	1.40	
Plymouth Garage	2.70	
Sisson's Garage	1.40	
Badger Garage	1.55	
Maxim Motor Co.	1.96	
Sisson's Garage	1.40	
" "	2.45	
" "	.70	
Maxim Motor Co.	2.44	
" " "	2.24	
	<u>\$ 54.63</u>	\$54.63

Labor Expenditures

Pay roll April 7th	\$258.95
" " April 21st	407.56
" " May 5th	566.20
	<u>\$1232.71</u>

Total Expenditures

Labor	\$1232.71
Camp construction	172.96
Equipment	480.41
Food supplies	350.00
Teaming, Express, Freight	57.63
Flag & Halyards	18.00
Car repairs, storage	
& gas, and parts	54.63
Car fares & traveling	
expenses	12.04
	<u>\$2377.38</u>

The foregoing expenditures indicate that the work undertaken on the Myles Standish State Forest this season has been rather expensive. As a result it can be stated that before future planting work is undertaken on any material scale there should be available a larger supply of labor from which to select men, food supplies at a normal price, transportation equipment at hand. Given the above factors there is no reason why planting cannot be done at a reasonable rate on an extensive scale on this reservation.

It is highly desirable and necessary that some action be taken in regard to having a permanent caretaker on the reservation. There is a sufficient amount of needed work to be done to occupy a caretaker most of the year. The buildings on the reservation, representing several thousand dollars in value in themselves, are being left in a more or less neglected condition practically the year around and are beginning to show signs of depreciation through lack of needed yearly attention.

In total there is a considerable value at present represented in the reservation that needs permanent care and protection. It is believed a suitable caretaker can be secured at sixty dollars per month, and given one or two horses and other necessary equipment could accomplish each year a large amount of useful and necessary work!"

V O T E D that said report be accepted and be made a part of the official record.

Letters from Mr. Wilfrid Wheeler, Secretary of the State Board of Agriculture, dated April 30th, and Mr. Henry S. Griffith, Master of South Carver Grange, dated May 1st, both requesting that the tillable land on the reserve be made available for use of people desiring to farm it, were read, and after discussion by the Commission it was

V O T E D that the people desiring to utilize the land should be permitted to do so at no charge. The area involved is about eighteen acres.

The Commission discussed at some length the question of future work on the Myles Standish State Forest, including fire protection, use of tractor, purchase of horses, and hire of caretaker, but no definite action was taken at the meeting in regard to the above matters, except that it was agreed upon that three men should be employed upon the reserve during the summer and fall up to October 1st, these men to be employed in opening up new roads, repairing, and clearing brush from the sides of roads already opened up, and doing such work as would add to the protection of the reserve from fire.

It was

V O T E D that Messrs. Shepard and Rane, and Whitney go to Winchendon on May 31st on a trip to take in the Otter River State Forest and also the Savoy lands.

Adjourned at 9 o'clock P.M.

F. L. Haynes

Engineer for the Commission
acting for the Secretary.

- M e m o r a n d u m -

State Forest Commissioners' Trip
May 31 to June 2, inclusive, 1917.

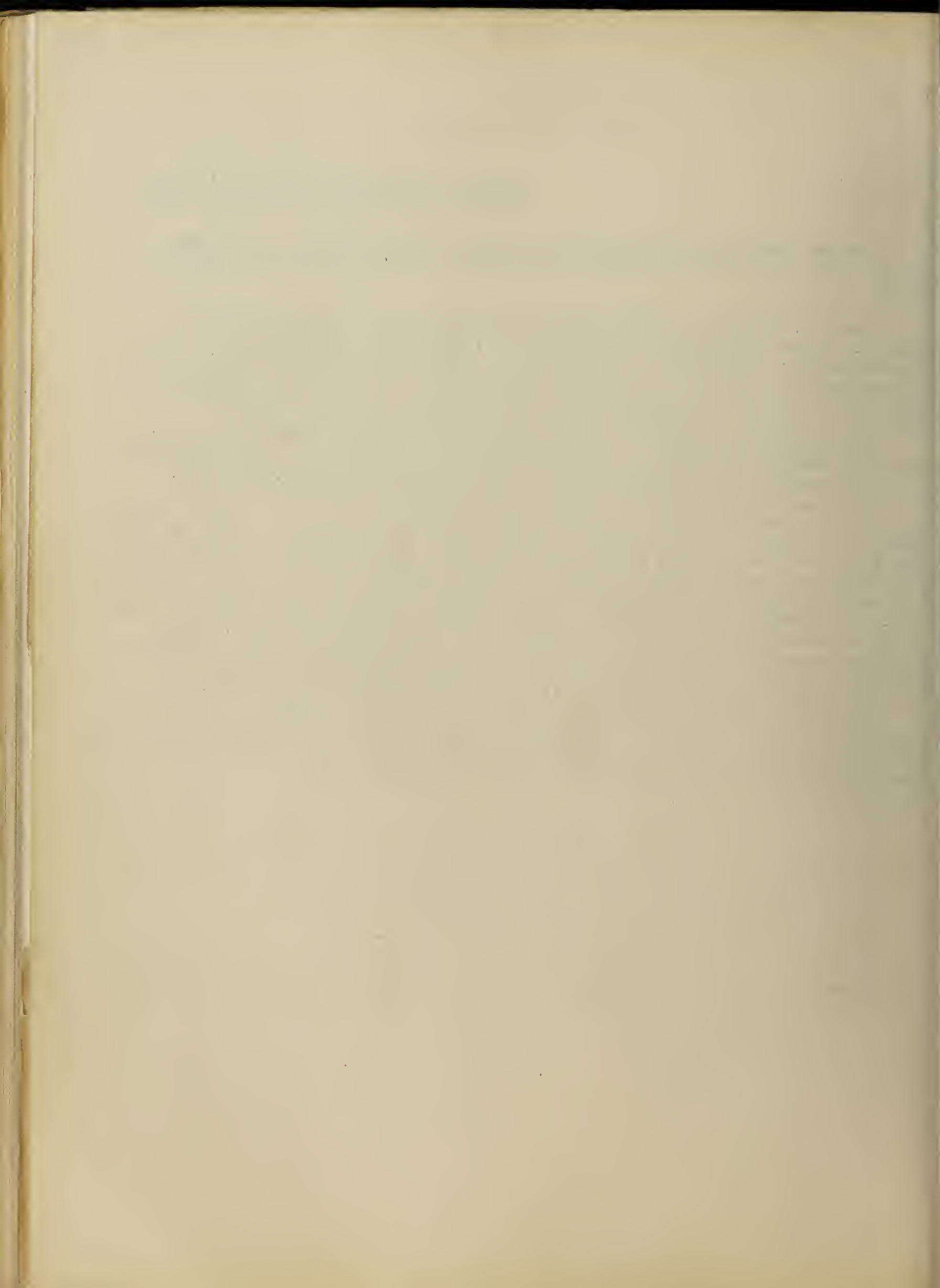
Memorandum of the trip of the State Forest Commission to the Otter River State Forest and the newly-acquired lands in the town of Savoy.

Messrs. Shepard, Rane, and Secretary Bailey, together with Messrs. Allen Chamberlain and Harris A. Reynolds, secretary of the Massachusetts Forestry Association, as guests of the Commission, left Boston on the 2:40 p.m. train on Thursday, May 31st, for Ashburnham. They were met at Ashburnham by Mr. Whitney, who took them in his automobile to visit his plantations of Scotch pine in that town.

The party then went to the Watatic Club House, where the regular monthly meeting was held in the evening, and where the night was spent. On this occasion the entire party were the guests of Mr. Whitney.

The next morning an early start was made, and Engineer Haynes, with his automobile, joined the party at Winchendon. The Otter River State Forest was visited, and several hours were spent in looking over the plantations and the administration building, and future work was discussed at some length. The party then proceeded to Savoy, lunching en route by the roadside, and arriving at Savoy about four o'clock p.m. The lookout station was visited, but because of the fog the Commission were unable to view the lands now held under option. They then proceeded to Greenfield, where the night was spent, Mr. Whitney leaving for his home at the close of the meeting of the Commission. Mr. Reynolds had left about 6 o'clock p.m. for Boston by rail.

Mr. Rane left the party the following morning, June 2d, and returned to Boston by rail. Messrs. Shepard, Bailey, Haynes, and Chamberlain returned to Boston via Springfield by automobile, arriving at Boston at about 5 o'clock p.m. on Saturday, June 2d.



Records of the thirtieth (30th) meeting of the State Forest Commission, held at the Watatic Club House, Ashburnham, Mass., on Thursday, May 31, 1917, at 7:30 o'clock P.M.

Present, Messrs. Shepard, Rane, and Whitney, there also being present the secretary, Mr. Bailey, Mr. Allen Chamberlain, and Mr. Harris A. Reynolds, secretary of the Massachusetts Forestry Association.

The records of the previous meeting were read and approved.

The Commission discussed at some length the plans of work which is to be carried on at the Myles Standish State Forest and the desirability of establishing fire lines at Carver as well as at the Otter River State Forest, the general feeling of the Commission being that fire lines should at least be placed around the several plantations.

After a general discussion of forestry matters, in which Mr. Chamberlain and Mr. Reynolds were invited to participate, the meeting

Adjourned at 12 o'clock midnight, to meet on the following evening.

Charles O. Bailey
S e c r e t a r y.

Records of the adjourned meeting of the State Forest Commission, held at Hotel Weldon, Greenfield, Mass., on Friday, June 1, 1917, at 8 o'clock P.M.

Present, Messrs. Shepard, Rane, and Whitney.

Mr. Haynes submitted his report covering the period between May 9th and May 30th, 1917, which was as follows:-

"The following report covers the period between May 9th, the date of the last meeting of the Commission, and May 30th, 1917.

Myles Standish State Forest

The season's planting work on this reservation ended on May 21st last. A record of the number and kinds of trees planted and the costs is given at the end of this report.

Acting upon the approval of the Commission, three men have been retained at the Myles Standish State Forest for the work of opening up new roads, widening roads already open, and of doing other kinds of work along fire-protective lines.

Also, acting upon a vote of the Commission, the tillable land on the reserve was made available for residents of the section desiring to use it. Up to date three men have applied for the use of portions of Gould's Bottom field. The areas suitable for hay production have been reserved, and when ready for cutting the hay can either be cut and placed in the barn for use of a reservation caretaker, in case one is later employed, or else the hay can be cut and sold, as was done last year.

Savoy Lands

On the Savoy area that is to be purchased by the Commission 22,000 plants were set this season, consisting of 16,000 white pine and 16,000 Norway spruce. The small number of plants set is due partly to the lateness of the planting season in Savoy. Also, owing to the fact that higher wages were offered to the planting men for other lines of work, presumably farming, it appeared best not to attempt more planting work on the Savoy lands this season.

In connection with the Savoy lands a letter was received from Mr. Fitzroy asking if the landowners could use part of the area contemplated for purchase for farming this season. Inasmuch as the Commission granted a similar request in connection with the tillable land on the Myles Standish State Forest it was assumed that they would favor farming also on the Savoy lands, and Mr. Fitzroy was notified that the land was available for use.

Harold Parker State Forest

On this reserve about 6500 four-year red and white pine transplants were set this season. The ground conditions over the major part of the plantable sections of this reserve are so extremely ledgy and poor that after the plants on hand, consisting of the above 6500 trees, were set it was considered best not to attempt further planting at this time. Another season, in order to utilize available planting areas as fully as possible it will be necessary to use plants not larger than two-year seedlings.

Expenditures

The only expenditure from the Commission's funds since the last report was submitted is the pay roll of May 19th for \$431.10.

Several bills, to be received and paid for later, will be listed in the report for June.

Data in Connection with
Planting Costs on the Three Forests

Harold Parker State ForestPlanting Costs

Team hire	\$5.50
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Express	2.59
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Transportation	
of men	4.42

Labor costs	53.38
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	<u>\$65.89</u>
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Number of trees set	6500
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Cost per thousand	\$10.01+ to set
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Actual labor cost per thousand	\$8.29
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Savoy LandsPlanting Costs

Team hire	
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& express	\$12.15
-----------	---------

Labor costs	86.09
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	<u>\$98.24</u>
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Number of trees set	22,000
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Cost per thousand	\$4.47 to set
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Actual labor cost per thousand	\$3.91
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Myles Standish State Forest
Planting Costs

According to shipping sheets the following stock was received from the Barnstable nursery for the Myles Standish State Forest this season.

<u>Species</u>	<u>Age Class</u>	<u>Number</u>
White pine	4-year trans.	19,000
Red pine	4-year "	9,600
Scotch pine	3-year seed.	105,700
Austrian pine	3-year trans.	15,000
Larch	3-year "	11,000
Spruce (Norway)	4-year "	550
White pine	2-year seed	25,000
Scotch pine	2-year "	77,000
On hand in Reserve Nursery from 1916		
Scotch pine	3-year trans.	32,000
Purchased from D. & H. RR.		
Norway poplar		40,000

Totals - 192,850 transplants
40,000 poplars
232,850

Totals - 102,000 seedlings

Total number of plants of all kinds - 334,850

It is estimated that about 25,000 of the three-year Scotch pine seedlings were stolen and that an over-count of a further 7,000 plants can be made against the figures of stock received, thereby reducing the estimated total number of plants set in the field at about 200,000.

For setting these trees the following costs were submitted:-

Food costs at camp	\$389.28
Cook's pay	78.22
Teaming of trees and freight	48.45
Cost of poplars	170.00
Transportation of men	35.91
Pay roll	<u>1130.31</u>
Total,	\$1852.17
Cost per one thousand trees to set	\$9.26
Actual labor cost per one thousand	5.65

The above figures leave a labor cost for work other than planting of \$419.21. Approximately \$69.00 of this amount can be charged against fire line work consisting of the piling and burning of brush and the remainder of \$350.21 against such work as camp construction, cutting of wood for camp, clearing up the barn, and pulling down old wire and pens, and any other work along such lines as ground improvements about the reservation buildings.

The amount of the Commission's general fund in the treasury on May 29th was

\$22,601.75

Out of this fund approximately \$5,000 will be used for the Savoy lands purchased on accepted options, leaving \$17,601.75 for future land purchase, surveys, etc. In order to clear up the Commission's work on hand, the following needs to be done:-

Line clearing and transit survey of the Harold Parker State For-

est, including the proper marking of corners.

Purchase, line clearing, survey and marking of the Savoy lands.

Survey and proper marking of the unsurveyed part of the William Whitney land on the Otter River State Forest.

Making a taking of the Otter River and Myles Standish State forests?

V O T E D that the foregoing report be accepted and be made a part of the official records.

With regard to the lands owned by Mr. Fordyce A. Thayer, of Savoy, which were visited by the Commission during the day, it was

V O T E D that the Commission will not purchase said lands, and that Mr. Haynes write Mr. Thayer to this effect.

After considerable discussion, it was

V O T E D that type surveys be made of the Otter River, Harold Parker, and Myles Standish State forests, and that Mr. Haynes be authorized to secure competent assistance to aid in this work.

V O T E D that Mr. Haynes take the necessary steps to re-open the present fire lines on the Otter River State Forest.

It was

V O T E D that Mr. Whitney secure such information as possible with regard to the possibility of purchasing the burned-over lands adjacent to the south end of the Otter River State Forest.

It was further

V O T E D that Mr. Haynes be authorized to secure the services of a local engineer to make a survey of the Savoy lands.

The Secretary was instructed to send to the Chairman a copy of the opinion of the Attorney-General relative to the use of moneys provided under the reforestation act.

Adjourned at 8:45 o'clock P.M.

Charles D. Bailey

S e c r e t a r y.

Records of the thirty-first (31st) meeting of the State Forest Commission, held at the office of the State Forester, Room 410 State House, Boston, Mass., on Tuesday, July 3, 1917, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report covering the period between May 31st and July 2d, 1917, as follows:-

"The following report covers the work accomplished in connection with the four State forests through the expenditure of the Commission's funds for the period of May 30th up to and including June 30, 1917.

Myles Standish State Forest

On this forest the field work has consisted entirely of clearing, widening, and improving the old road running from Halfway Pond road along Round, Three Cornered, College, and other ponds. Considerable time is being expended on this road, for the reason that running close to a string of ponds as it does it can be made by widening a valuable fireline. The inside work done when weather conditions did not permit road clearing has consisted of converting the old Ford runabout into a light truck for any use that it may be of value for, the main purpose in building the truck body being for the transportation of fire-fighting equipment.

The walls of the camp kitchen have been partly painted, in order to cover up stains left by horses before the stables were converted into the camp kitchen and dining-room.

Otter River State Forest

In compliance with instructions of the Commission at its last meeting, the fire lines along the railroad and trolley lines have been re-broken and put into shape. Owing to the fact that the lines were not gone over last year it was necessary to use a plow on them as well as a harrow this season, thereby about doubling the cost of the work.

The fire lines can be kept up at much less expense if they are gone over at least once, and better twice, each year.

Following a vote of the Commission to have a type survey made of all the State forests so far acquired, a crew was started on this work on the Otter River State Forest on June 13th. The securing of data for a type map for this reserve will probably be finished by Saturday, July 7th. The data is being secured by running strips six hundred feet apart across the entire tract. For the purposes in view it is believed that strips run at this width will be close enough. No expense is being put into the making of measurements of the scattered stands of merchantable growth, for the reason that it is for the most part not State-owned and still has cutting restrictions on it.

Besides the securing of growth data, some of the main woods on the north parcel of the forest are being surveyed, in order that they may appear on the map and possibly be opened up and improved at some time if desired.

Savoy Forest

Following the vote of the Commission at its last meeting, the services of Mr. Henry C. Neff, civil engineer, of Adams, Mass., were secured in connection with running the boundary survey of the Savoy forest. Mr. Neff has agreed to put a three men party on the work at a cost of \$14.75 per day for each day of eight hours worked. This daily charge is made up as follows: \$12.00 per day for pay of the men, and \$2.75 per day for transportation of the crew from Adams and Savoy.

It will probably take the survey crew four weeks to complete the work, although less time may suffice if no especial trouble is had in the locating of old and choked-up lines.

No deeds have as yet been passed in connection with the Savoy lands, for the reason that the 1917 taxes have not been paid by the

owners. The assessors will probably give their warrant to the tax collector some time this month, so that tax receipts should be at this office by August. It appears best not to close any land purchases in connection with the Savoy lands until the taxes have been cleared up.

Harold Parker State Forest

Three days were spent in connection with the securing of options on land adjoining property already purchased by the State, without very encouraging results. Four owners have agreed to sell small areas to the Commission, and two others interviewed may do so later.

The line clearing and boundary survey work in connection with this forest will begin this month, and the type survey can begin as soon as boundary-lines are determined. On account of the nature of the section and the fact that several of the lines are unknown, the survey may be rather expensive, as extra time will be involved.

What action does the Commission desire to take in regard to the following matters:

Savoy Forest

1. Mr. F. A. Thayer, of Savoy, has offered to sell for one thousand dollars a parcel of land called two hundred acres, comprising the south part of his eight hundred acre holdings, being a block of land adjoining on the east land already accepted for purchase. While your Commission at its last meeting did not as a whole appear to favor the further acquisition of any material amount of land in Savoy, the tract in question is of a nature, and fits in a place in such a way, that the consideration of its purchase appears reasonable. A careful examination of the tract showed it to be mainly absolute waste land in prime condition for planting with trees next spring. The purchase of the tract is essential in regard to establishment of much better permanent boundaries. I would respectfully advise after a careful examination that the tract be purchased, provided a survey shows there to be sufficient area.
2. Mr. Burnett, of Adams, owner of a small piece of land, called "Twelve Acres" has offered to sell it for fifty dollars. This parcel is covered with young mixed hardwoods, and its purchase is highly desirable in connection with the completion of a highway boundary-line.

Harold Parker State Forest

Miss Alice Gray, of Andover, has offered to sell about sixty acres of land to the Commission at five dollars per acre.

Mr. Perly Woodbridge, of Andover, has agreed to sell twenty-four acres of land for five dollars per acre.

Cutting rights for two years.

A Mrs. Jenkins has offered to sell nine acres at five dollars per acre.

A Mr. Mahoney, of Lawrence, has offered to sell three small parcels called in total thirty acres, at five dollars per acre.

All of the parcels of the above-mentioned owners adjoin areas already owned by the State. Their purchase would help to close up gaps in the reservation lines, but much more land must be acquired before the forest will comprise one solid block, as the other reservations do.

Whether or not all of the land needed to complete a solid block can be secured cannot be determined until all owners are located and approached. From present indications it appears unlikely that the entire tract contemplated can be secured at the price the law allows the Commission to pay.

Otter River State Forest

In connection with this forest a Mr. Charles Fellows desires to know whether the Commission will purchase about fifteen acres at five dollars per acre in case he decides to sell. The fifteen acres adjoin land already owned by the State.

In regard to the house on the Otter River reservation it is understood that the forestry department is to have one of its foremen move into it. Before the building is occupied certain repairs should be made as follows:-

1. Reflooring of kitchen and dining-room.
2. Papering of rooms on lower floor.
3. Cementing of cellar.
4. Tiling for sewerage.

The cost of doing the above work is estimated at one hundred and fifty to two hundred dollars.

State flag for the Otter River forest.

The amount of the Commission's fund in the treasury on June 30th was \$21,664.92.

Expenditures during the past month have been as follows:-

Pay roll of June 2	\$225.59
Pay roll of June 16	310.47
Pay roll of June 30	261.94
Total,	898.00

Bills paid

A. D. Griffith (express, etc.)	\$12.95
J. J. Ryan (provisions)	48.23
A. W. Shurtleff (carpenter)	4.00
Northern New York Development Co.	170.00
J. C. Trefethen & Co.	2.65
New England Paint & Varnish Co.	3.00
Provisions, Traveling Expenses,	
Express, Teaming, as per sheets	12.52
	5.28
	55.15
	2.15
	5.18
	\$319.11

In regard to the type surveys being made and to be made of the State forests, it should be stated that the complete data for all of them cannot be fully secured before late fall, and unless your Commission desires to have time more essential for field work given over to drafting work, the final type plans for the forests cannot be produced before winter, except that it may be entirely possible to make a rough outline plan as fast as each forest is typed for any fall or winter work that may be contemplated!

V O T E D that the foregoing report be accepted and be made a part of the official records.

In regard to purchasing the various parcels of land referred to in the report, it was

V O T E D that the Thayer property be purchased for One thousand dollars, provided a survey shows there to be at least two hundred acres of land in the tract; or, if two hundred acres are not present, that the area be purchased at the rate of Five dollars per acre.

V O T E D that the Burnett parcel, said to contain from twelve to fifteen acres of land, be purchased for the sum of fifty dollars for the parcel.

V O T E D that the land adjoining the Harold Parker State Forest lines, and referred to in the report as belonging to Miss Gray, Perly Woodbridge, Jeremiah Mahoney, and Mrs. Jenkins, comprising in all approximately one hundred and twenty acres, be purchased.

In regard to the Fellows and Maynard lands at the Otter River State Forest, it was

V O T E D that no action be taken until Mr. Whitney has examined the lands.

In regard to repairing the reservation house on the Otter River State Forest, it was

V O T E D that from One hundred and fifty to Two hundred dollars be expended in making the necessary repairs, and that the house may or shall be occupied by an employee of the State Forestry Department for the time being.

It was

V O T E D that a State flag be purchased for the Otter River State Forest similar to the one purchased for the Myles Standish State Forest.

Relative to the question as to whether or not Mr. Makepeace, of Wareham, should be permitted to take rock from the Myles Standish State Forest, it was

V O T E D that Mr. Makepeace be given permission to remove rock from the reservation, the amount not to exceed two hundred tons, provided that after it is hauled the roads be left in proper condition.

It was

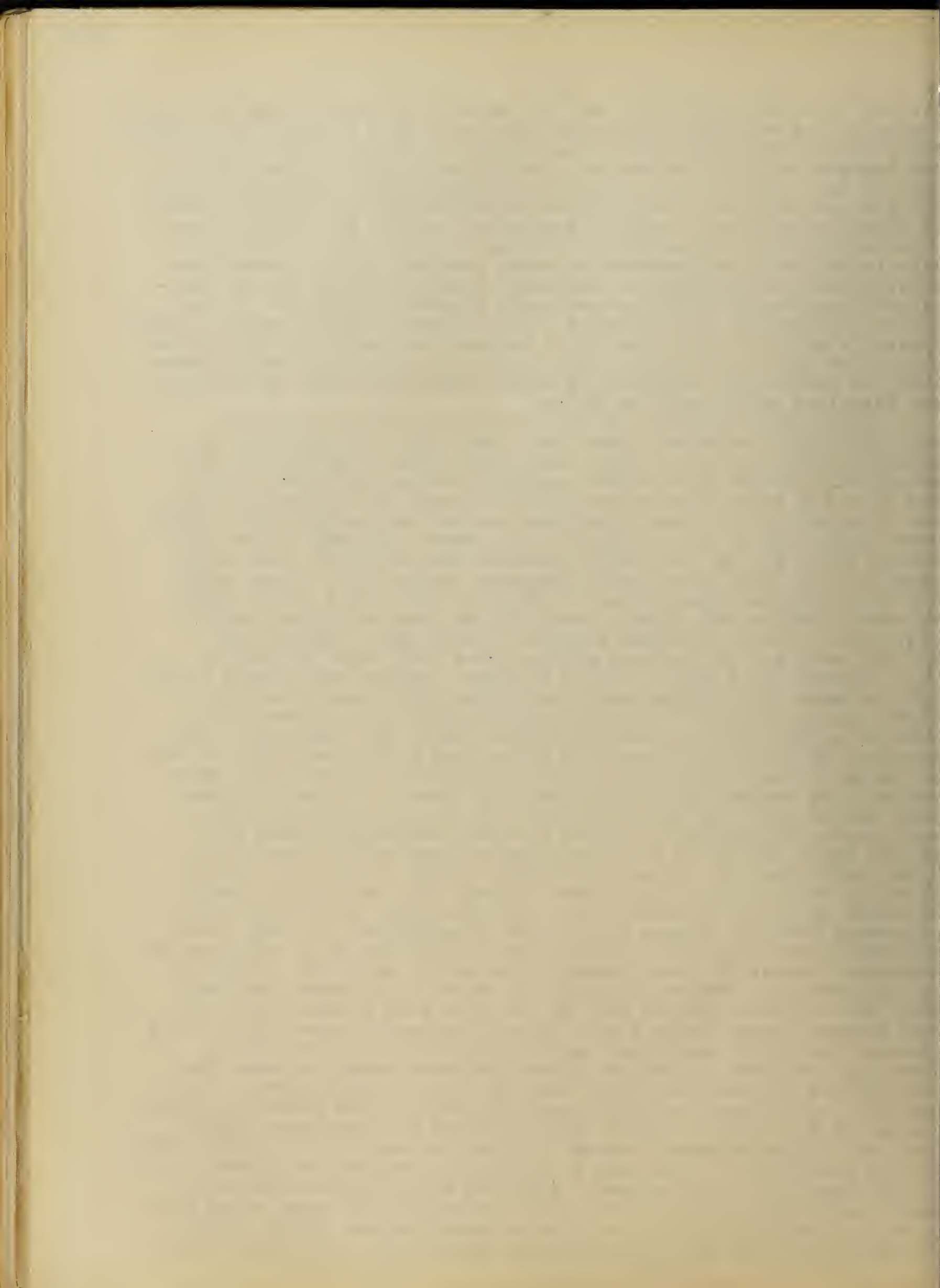
V O T E D that the Commission meet at the State House on Thursday morning, July 12, 1917, at 10:30 o'clock, and go on a trip of inspection of the Harold Parker State Forest.

The Commission passed the following vote in connection with the taking of lands for the Myles Standish State Forest:-

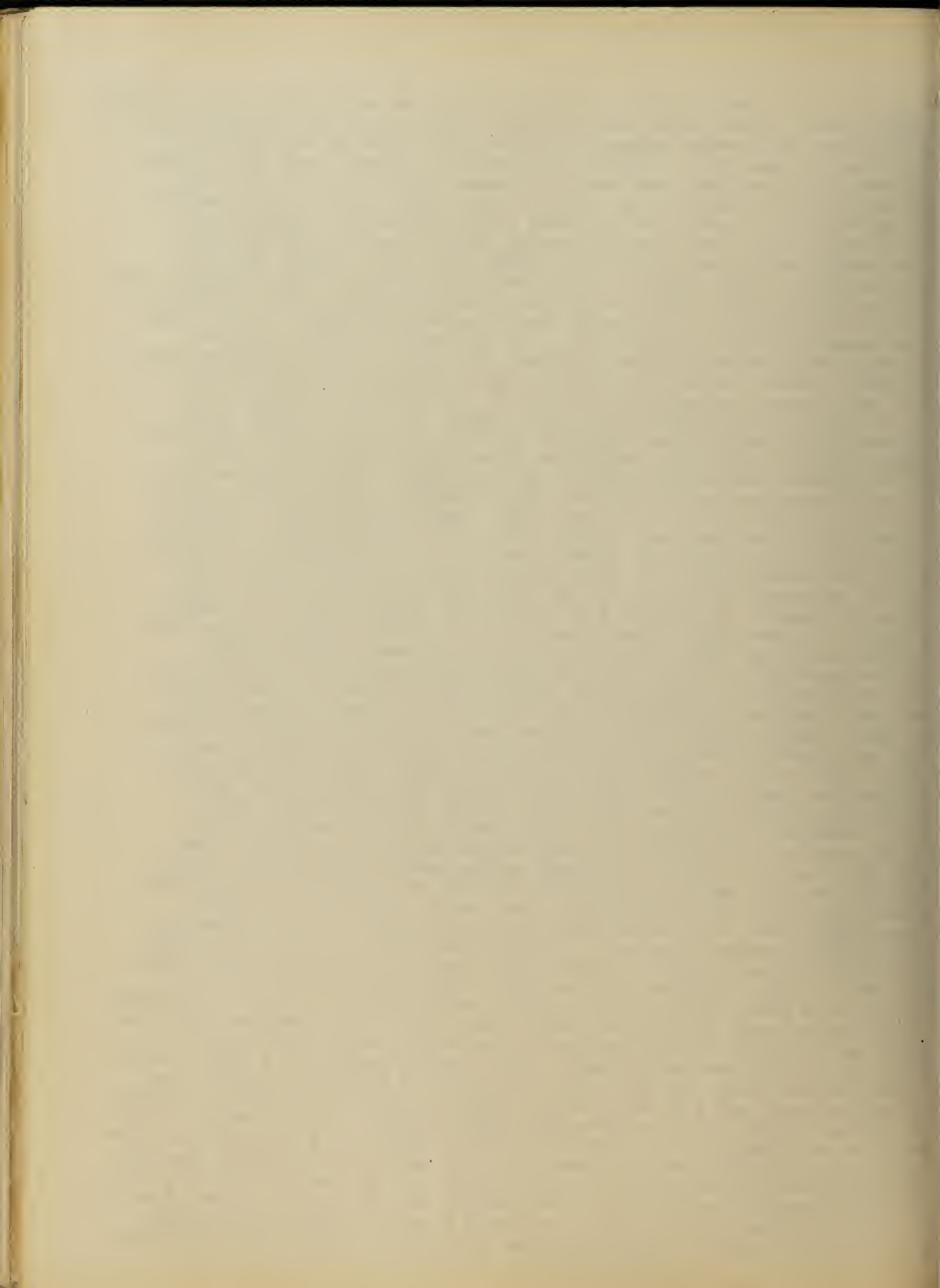
Whereas the undersigned, duly appointed and qualified as the State Forest Commission, under and by virtue of the provisions of an act of the Commonwealth of Massachusetts entitled, "An act to authorize the State Forest Commission to take land and to sell or exchange unsuitable land," being Chapter 136 of the Acts of 1916, deem it desirable and expedient to take the lands and rights in land hereinafter described for the purposes and under the powers and limitations set forth in said act, and in Chapter 720 of the

Acts of 1914: NOW THEREFORE, we, the said State Forest Commission, by virtue of the authority conferred upon us by said acts and of any and every other power and authority us hereto in any wise enabling, with the approval of the Governor and Council have taken and do hereby take in fee simple in the name of the Commonwealth of Massachusetts, and for the benefit of said Commonwealth and the inhabitants thereof, in manner prescribed in and by said acts, and for all the purposes therein provided, the lands and rights in land, and all easements, privileges, and appurtenances of every name and nature thereto belonging, save as hereinafter expressly excepted, being several parcels of land lying in the townships of Plymouth and Carver in the County of Plymouth, and shown on a plan marked, "Myles Standish State Forest;" a copy of which plan is to be recorded herewith, and the duplicate of which is on file in the official archives of said Commission, to which plan reference is hereby expressly made, and bounded and described as follows, to wit:-

First: Beginning at a point on the east side of the most northerly dam across East Head Pond; said point being about one hundred (100) feet east of the east shore line of said pond; said point being marked by a cement monument having the letter "M" on one face and designated on the plan as corner #1; thence from corner #1 south $20^{\circ} 34'$ west seventeen hundred and seventy-four (1774) feet along land of J. J. Russell to a cement monument (corner #2); thence south $69^{\circ} 26'$ east eight hundred and five (805) feet along land of J. J. Ryan to a cement monument (corner #3); thence south $20^{\circ} 34'$ west four hundred and twenty-nine (429) feet to a cement monument (corner #4); thence north $69^{\circ} 26'$ west eight hundred and five (805) feet to a cement monument (corner #5); thence south $20^{\circ} 34'$ west six hundred and eighty-three (683) feet by land of J. J. Russell to a small granite monument (corner #6); thence south $19^{\circ} 34'$ west four hundred and ninety-four (494) feet to an iron pipe; thence south $19^{\circ} 19'$ west eight hundred and eighteen (818) feet to a tall granite monument marked "1854," said monument being situated on the line between the fourth and fifth great lots of the division of the Plymouth and Plimpton Commons; thence by the same course five hundred and thirty-two (532) feet to a granite monument marked "xii" on its north face and "xiii" on its south face, said corner being also marked by a cement monument (corner #7); thence south $70^{\circ} 23'$ east three thousand four hundred and sixty-five (3465) feet to a granite monument marked "xii" on its north face and "xiii" on its south face (corner #8); said corner being situated on the line between the fifth and sixth great lots of the aforesaid Commons; thence from corner #8 south $19^{\circ} 17'$ west seven thousand nine hundred and thirty-five (7935) feet to a tall granite monument (corner #9); said monument being the southwest corner of the reservation; thence south $81^{\circ} 22'$ east four thousand six hundred and fifty-two (4652) feet by the town line between Plymouth and Wareham townships to a tall granite monument (corner #10), said monument being the southeast corner of the reservation; thence north $19^{\circ} 44'$ east by land of Albert Hathaway seven thousand four hundred and fifty-three (7453) feet to a tall stone monument (corner #11), said bound being a corner of the Hathaway property; thence north $19^{\circ} 31'$ east two thousand one hundred and forty-two (2142) feet to a stone monument marked "S B" on its south face (corner #12); thence north $19^{\circ} 53'$ east one thousand four hundred and eleven (1411) feet to a stone monument situated on the south shore of a small water hole (corner #13); thence north $20^{\circ} 13'$ east seven hundred and ten (710) feet to a stone monument (corner #14); thence north $19^{\circ} 38'$ east one thousand three hundred and sixty-nine (1369)



feet to a tall stone monument marked "S" on its south face (corner #15); thence north $19^{\circ} 52'$ east one thousand nine hundred and eighty-three (1983) feet to a stone monument (corner #16); thence north $19^{\circ} 18'$ east one thousand five hundred and forty-six (1546) feet to a cement monument situated near and south of Bumps Pond (corner #17); said corner being formerly marked by pipe and stones; thence from corner #17 south $71^{\circ} 00'$ east two thousand nine hundred and eighty-three (2983) feet to a cement bound (corner #18); thence south $19^{\circ} 00'$ west three hundred and ninety-six (396) feet to a cement monument (corner #19); thence south $71^{\circ} 00'$ east one thousand three hundred and thirty-three (1333) feet to a cement monument (corner #20); thence north $19^{\circ} 00'$ east ten thousand seven hundred and eight (10708) feet to a cement monument (corner #21); thence north $70^{\circ} 30'$ west two thousand one hundred and forty (2140) feet to a cement monument (corner #22); thence south $19^{\circ} 30'$ west eight hundred and seven (807) feet to a cement monument (corner #23); thence north $70^{\circ} 30'$ west two thousand three hundred and nine (2309) feet to a cement bound (corner #24), said corner being situated a few hundred feet east of Hooper Pond and formerly marked by pipe and stones; thence north $17^{\circ} 51'$ east five hundred and forty-nine (549) feet to a pipe and stones; thence north $19^{\circ} 30'$ east four hundred and forty-nine (449) feet to a cement monument (corner #25), said corner being formerly marked by pipe and stones; thence north $70^{\circ} 30'$ west four thousand four hundred and forty-two (4442) feet to a cement monument (corner #26); thence north $19^{\circ} 30'$ east nine hundred and ninety-two (992) feet to a cement monument (corner #27); thence north $70^{\circ} 30'$ west three thousand four hundred and sixty-five (3465) feet to a cement monument (corner #28); thence north $19^{\circ} 30'$ east three thousand four hundred and five (3405) feet to a cement monument (corner #29); thence north $70^{\circ} 30'$ west one thousand six hundred and sixty (1660) feet to a point in Wiggins Pond (corner #30); thence north $19^{\circ} 30'$ east one hundred and seventy (170) feet to a cement monument (corner #31); said corner being situated near the north shore of Wiggins Pond and formerly marked by an iron pipe near blazed pitch pine-tree; thence from corner #31 north $70^{\circ} 27'$ west one thousand eight hundred and twenty (1820) feet to a cement monument (corner #32); thence south $19^{\circ} 33'$ west by a line across Clew and Rocky ponds five thousand four hundred and forty-seven (5447) feet to a small stone monument; thence by the same course by a line running over Hog Rock, so-called, five thousand seven hundred and seventy-eight (5778) feet to a stone monument marked "M" on one face (corner #33); thence south $19^{\circ} 39'$ west one thousand eight hundred and thirty-five (1835) feet to a cement monument (corner #34); said corner being formerly marked by a small stone bound; thence from corner #34 north $70^{\circ} 21'$ west three thousand five hundred and ninety-six (3596) feet to a cement monument (corner #35); said corner being formerly marked by a small stone bound; thence south $19^{\circ} 57'$ west six thousand eight hundred and sixty-five (6865) feet to a cement monument (corner #36); said corner being situated on the south edge of the highway between South Carver and Tihonet and formerly marked by a small stone bound; thence south $79^{\circ} 30'$ east five hundred and eighty (580) feet to a pipe sunk and witnessed (corner #37); said corner being situated on the north edge of the above-mentioned highway; thence south $40^{\circ} 14'$ east seven hundred and ninety-eight (798) feet to a pipe sunk and witnessed (corner #38), said corner being situated on the north edge of the above-mentioned highway; thence south $20^{\circ} 32'$ east along land of A. D. Makepeace one thousand five hundred and forty-four (1544) feet to a cement monument (corner #39), formerly a small stone bound; thence south $82^{\circ} 39'$ east one thousand seven hundred and forty-two (1742) feet



along land of Makepeace to a cement monument (corner #40), formerly a small stone bound; thence north $86^{\circ} 39'$ east seven hundred and sixty (760) feet to a cement monument (corner #41), formerly a small stone bound; thence south $0^{\circ} 45'$ east four hundred and fifty (450) feet to a cement monument (corner #42), formerly a small stone bound; thence south $78^{\circ} 45'$ east seven hundred sixty-two (762) feet to a cement monument (corner #43), formerly a small stone bound; thence north $73^{\circ} 34'$ east three hundred and thirty-one (331) feet to a granite bound (corner #44); thence north $58^{\circ} 03'$ east two hundred forty-eight (248) feet to a granite bound (corner #45); thence north $87^{\circ} 21'$ east one hundred twenty-one (121) feet to a cement bound (corner #46); thence north $52^{\circ} 51'$ east four hundred thirteen (413) feet to a granite bound (corner #47); thence north $74^{\circ} 07'$ east two hundred twenty (220) feet to a granite bound (corner #48); thence north $67^{\circ} 39'$ east eighty-five (85) feet to a granite bound (corner #49); thence north $77^{\circ} 20'$ east two hundred and fifteen (215) feet to a cement monument (corner #50), formerly a small granite bound; thence south $75^{\circ} 21'$ east four hundred and eighty-one (481) feet to a cement monument (corner #1), the point of beginning.

Expressly excepting, however, from the foregoing description, and from the operation of the Taking hereby made, the following; to wit:-

1. The property of the heirs or assigns of George B. Clark, said property consisting of the first three parcels of land described in a deed from Henry S. Blake to George B. Clark, and recorded at the Plymouth Registry of Deeds, Book 997, page 446, together with any rights and easements mentioned in said deed, said three parcels containing approximately forty-eight and three-fourths ($48\frac{3}{4}$) acres, and denoted upon the said plan with the letters A, B, and C.

2. That portion of East Head Reservoir within the above-described boundary-lines of the Myles Standish State Forest, together with a strip of land six rods wide extending around said portion of said reservoir from the high water level, and being the property now or formerly owned by J. J. Russell, of Plymouth, Massachusetts, and contains in total approximately one hundred and twenty-five (125) acres.

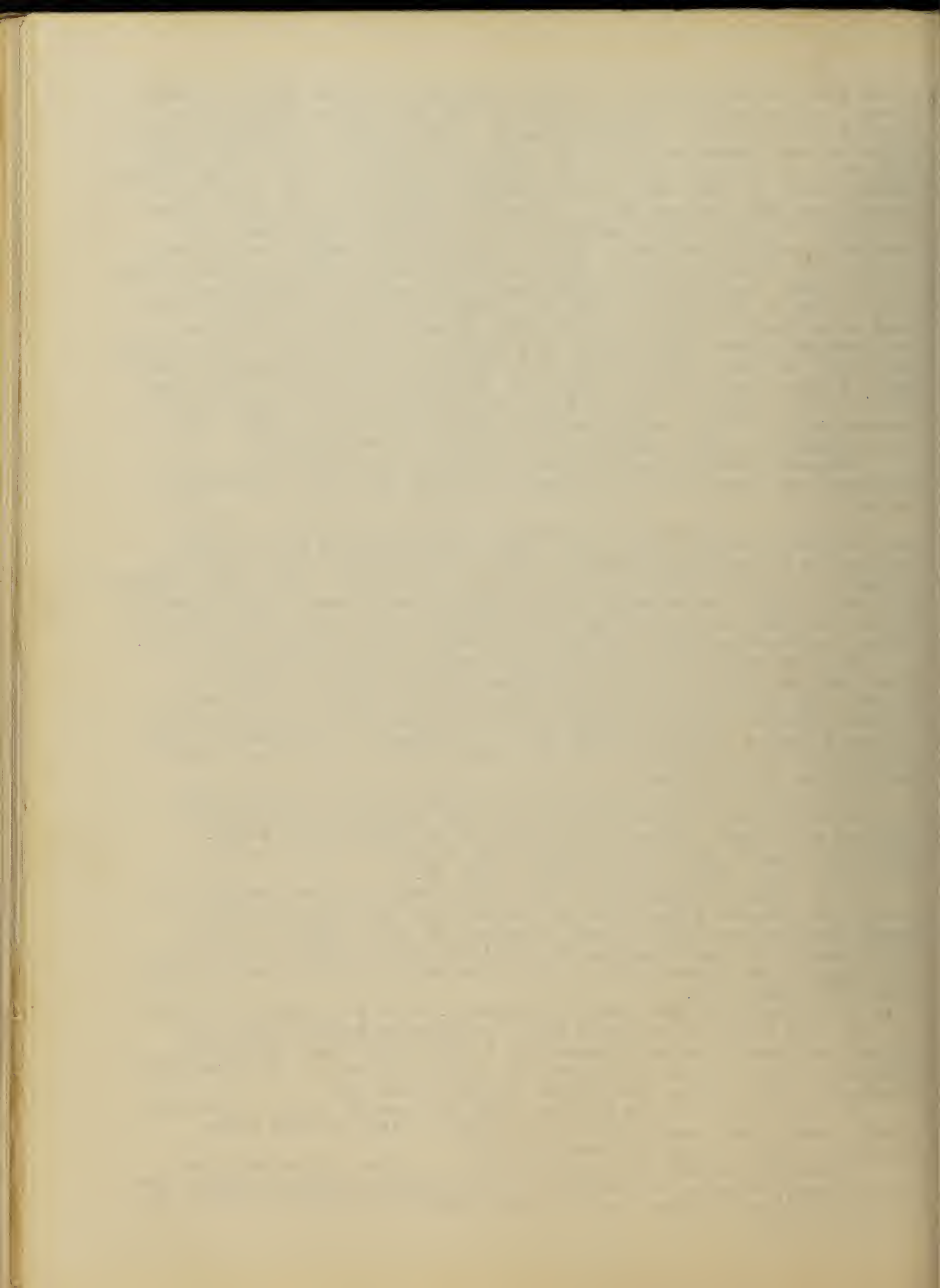
3. A parcel of land with the buildings thereon, containing approximately ten (10) acres of land, and owned by the heirs or assigns of Joseph Jessup, and described in a deed from Job A. Turner to Joseph Jessup, recorded with Plymouth County Deeds, Book 618, folio 296; also Book 65, page 46.

4. A strip of land four rods wide extending from Charge Pond along the present ditch line to the bogs of the Cape Cod Cranberry Company, and such rights reserved by said company as are mentioned in a deed from the Cape Cod Cranberry Company to the Commonwealth of Massachusetts, recorded with Plymouth County Deeds, Book 1276, page 272.

5. All rights retained by Colburn C. Wood and others in a parcel of land situated at Rocky Pond, containing about eleven (11) acres, and described as Reservation A in a deed from Colburn C. Wood and others to the Commonwealth of Massachusetts, recorded with Plymouth County Deeds, Book 1274, pages 82 and 84.

6. The rights of the public, town, and county in all town and county roads that come within the exterior lines of the above described Myles Standish State Forest.

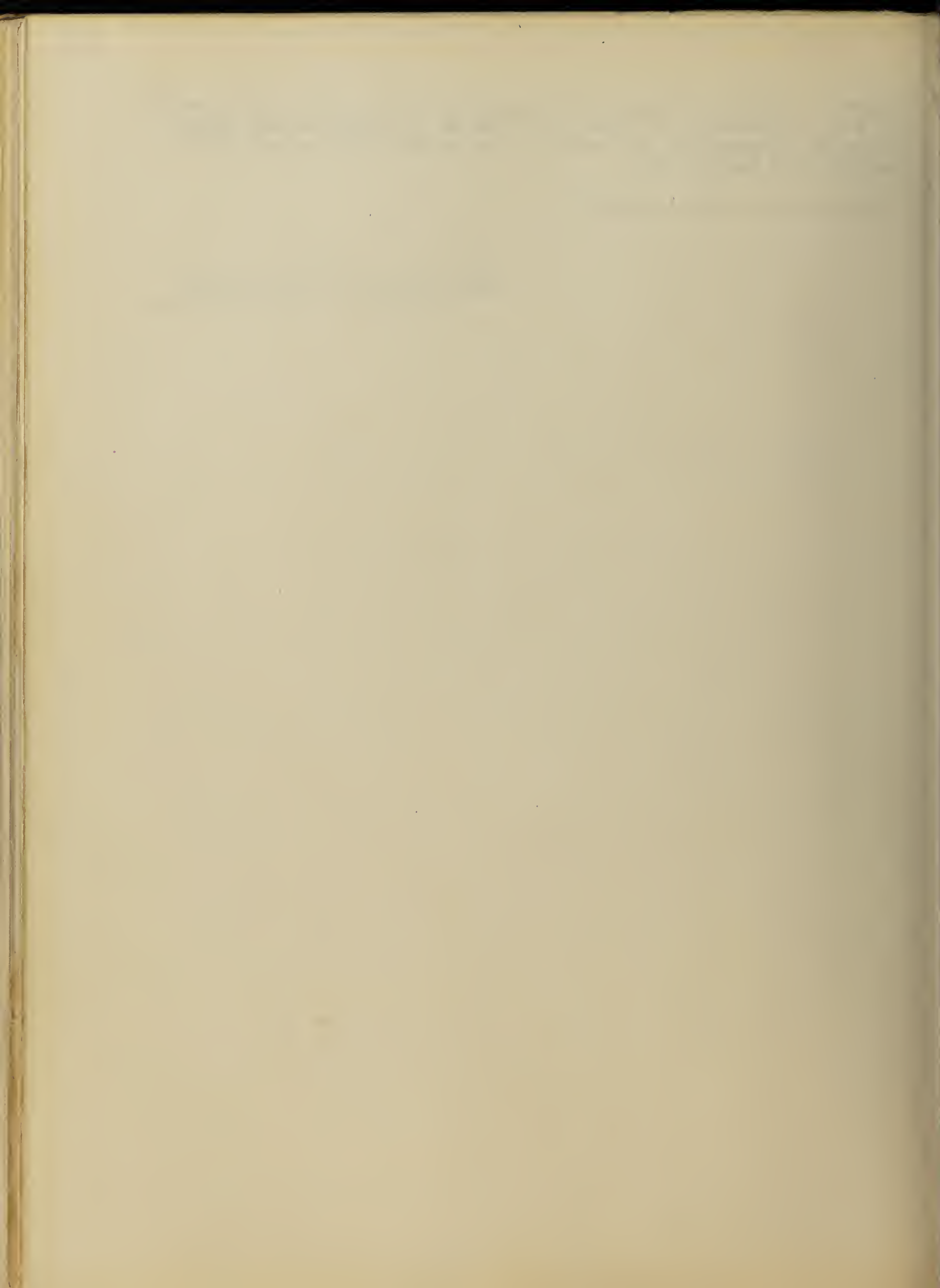
Intending to take and hereby taking in fee simple each and every tract, estate, or parcel or part thereof included within the foregoing descriptions, save as hereinabove expressly excepted, or



however otherwise bounded and described, and be said measurements or any of them more or less. All names of owners herein given, although supposed to be correct, are stated only as matters of information and belief.

Adjourned at 1:40 o'clock P.M.

F. L. Haynes
Engineer for the Commission,
acting for the Secretary.



Records of the thirty-second (32d) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, September 11, 1917, at 11 o'clock A.M.

Present, Messrs Shepard and Rane.

The records of the previous meeting were approved.

Mr. Haynes submitted his report covering the period between June 30th and September 1st, 1917. as follows:-

"The following report covers the work accomplished through the expenditure of the Commission's funds on the four state forests during the period from June 30th to September 1st, 1917.

Myles Standish State Forest

On this reservation three men have been employed continuously during the above period of time. Their work has consisted of road improvement, care of the cranberry bog and nursery, cutting of the hay upon the reserve and placing same in the barn, and rebrushing out the entire exterior boundary-lines of the reservation.

Otter River State Forest

The type survey of this forest was completed early in July. No other work has been undertaken through the use of the Commission's funds.

Harold Parker State Forest

During July a camp was established at this reserve, with the purpose in view of completing as far as possible the survey and clearance of the boundary-lines of the entire tract. A fair amount of line clearing was accomplished, and some surveying, but on account of the excessive heat during the latter part of the month, and also the need of additional data pertaining to several of the parcels to be surveyed, it was considered best to break camp until September.

Savoy Lands

Following a vote of the Commission at its meeting on July 2d, Mr. Neff, civil engineer, of Adams, was employed to make a transit survey of the Savoy lands.

After surveying two parcels of land comprising a total area of one hundred and eighteen acres plus, and after submitting the bill for his services (appended to this report, and dated August 2, 1917) it appeared quite probable that Mr. Neff's survey of the entire area would be more expensive than necessary for the type of land involved. Mr. Neff was therefore notified, on August 17th, to discontinue his work.

On August 27th three men in the state employ were taken to Savoy in order to run a compass survey of the lines. The cost of this compass survey will be at the rate of \$10.75 per day for pay, \$3.45 per day for board, and \$1.25 per day for transportation, making a total cost of \$15.45 per day. Given good weather, and no especial line trouble, the compass survey should be completed in about three weeks' time. It was considered best to

have a compass survey made of the lines as soon as possible, in order to take advantage of Mr. Fitzroy's knowledge of old lines and corners before it was too late.

On August 21st Mr. Neff submitted a definite figure of \$422.50 for which he agreed to complete the transit survey of the lines.

Expenditures

The amounts paid out of the Commission's funds during July and August are as follows:-

Pay roll of July 14	\$346.95
" " " July 28	302.09
" " " Aug. 11	201.34
" " " Aug. 25	156.67
Schedule of bills	304.89
	<u>\$1320.89</u>

Amount of Commission's fund available on September 1, 1917,-
\$20344.03;

but of the above amount approximately \$9000 will be needed for land purchase in Savoy and Andover to cover areas now accepted for purchase and for line surveys at Savoy and Andover, and the type survey of the Myles Standish State Forest, leaving about \$11344.00 on hand.

Work on Hand

The work which your Commission has voted to have done, and which it was considered best to accomplish by early winter, is as follows:-

Savoy Lands

1. Completion of boundary survey
2. Purchase of land
3. Type survey

Harold Parker State Forest

1. Completion of boundary survey
2. Purchase of land reported for purchase
3. Looking up more land
4. Type survey

Myles Standish State Forest

1. Type survey

Otter River State Forest

1. Taking of land already purchased
2. Looking up areas needed for bettering
of boundaries

In connection with the above work it appears probable that the type surveys of the Savoy and Andover lands may not be made this fall, owing to lack of satisfactory base plans and men sufficiently trained with which to properly do the work.

The boundary survey and line clearing of the Harold Parker State Forest will be resumed on September 10th. As mentioned in a previous report, the badly broken composition of the many parcels making up this forest at the present time, the fact that several of the deed descriptions give no bearings of any kind, and that many lines and corners are unknown, makes the survey both

slow and expensive, It is very probable that when time is available for looking up additional owners and areas more land can be purchased with which to close up some of the more broken sections of the exterior lines. It appears best, however, to close surveys as far as possible this fall of areas already purchased.

On July 12th a visit was made to the Harold Parker State Forest by Messrs. Shepard and Whitney, one result of which was, as understood, a verbal statement to the effect that any additional areas possible of being secured at not over five dollars should be added to the areas already purchased.

In connection with the protection from fire of the Myles Standish State Forest, the question of which was discussed at a former meeting, it would appear that no specific recommendations can be submitted at this time covering protective work to any large extent without involving the whole question of future management and yearly appropriations for upkeep work. A study of the protective work necessary in connection with the Myles Standish Forest would make it appear that a good system of roads well kept would be of more value than a system of wide and broken fire lines. If the road idea is favored by your Commission it will be entirely possible to have a sufficient amount of road making and improvement work done this fall and winter on the south part of the reservation, so that this portion of the reserve will be better protected in regard to fire. It is on the south part of the reserve that the planting has been done, or would probably be done another season.

In regard to the clearing and draining of the old abandoned railroad bed on the Otter River State Forest, in order to make it of value for fire protective purposes, there appears to be no reason, if your Commission so desires, why this work cannot be done at a small cost. If this work is done it would be desirable, also, in connection with it to improve the old woods road crossing it north and south.

It has been reported by Mr. Simmons, of the forestry department, that about five hundred acres of waste land can be acquired in the towns of Paxton and Spencer, the same being contiguous to about three hundred acres already planted in small lots by the forestry department. Does your Commission desire to have Mr. Simmons look up the ownership of this land with the idea in view of establishing a state reservation in this section. There is as yet no reservation in this portion of the state.

No recommendation."

V O T E D that the foregoing report be accepted and be made a part of the official records.

The taking sheets of the Myles Standish State Forest were turned over to Mr. Haynes by Mr. Shepard, with the instructions that they be turned over to the Attorney-General for further procedure in connection with them.

In regard to continuing the road work being done on the Myles Standish State Forest, it was

V O T E D that no action be taken until the next meeting of the Commission.

It was

V O T E D that the work of the three men employed on the Myles Standish State Forest be continued until the next meeting of the Commission.

In connection with the surveys being made in Savoy and at the Harold Parker State Forest it was

V O T E D that the surveys should be compass and not transit surveys.

In connection with the survey of the Harold Parker State Forest, it was

V O T E D that the engineer run the boundary lines as nearly as could be determined to where they should be without involving the technicalities and expense of trying to locate the lines of all parcels purchased.

It was

V O T E D that no action be taken in regard to the bill of Mr. Neff, civil engineer, dated August 2, 1917, for making a transit survey of the Savoy lands at this meeting.

It was

V O T E D that Mr. Haynes be authorized to buy a speedometer for his automobile.

It was

V O T E D to call the attention of the Massachusetts Fish and Game Commission to the need of patrolling the Myles Standish State Forest Commission against hunting at this time.

Mr. Haynes stated to the Commission that the berries on the State cranberry bog on the Myles Standish State Forest had been sold to a Mr. Shurtleff, of Carver, for one dollar and a half per barrel and that the estimated crop was from sixty to seventy barrels, and it was

V O T E D that the transaction be approved.

Adjourned at 12:15 o'clock P.M.

T. P. Haynes
Engineer for the Commission,
acting for the Secretary.

Records of the thirty-third (33d) meeting of the State Forest Commission, held at the office of the State Forester, Room 410 State House, Boston, Mass., on Tuesday, October 2, 1917, at 10:30 o'clock A. M.

Present, Messrs. Shepard and Whitney.

Mr. Haynes submitted his report covering the period between September 11th and September 30th, 1917, as follows:-

"The following report covers the period from September 11th to September 30th, 1917.

Otter River State Forest

No work has been done on this reservation through the expenditure of the Commission's funds during the above mentioned period. The final plan to accompany the taking of this tract has not been made, owing to the fact that all available time has been expended on the other reservations. The taking of the Otter River State Forest will very probably involve small parcels of land owned by the Boston and Maine railroad, a Mr. Miner, and a Mr. Dolan. Inasmuch as it may be possible to come to some purchase agreement with the above parties before a taking is made, it would appear best to withhold final action until time permits of again trying to secure the Dolan and Miner parcels by direct purchase. It is very probable that these matters can be adjusted and final plans submitted to your Commission in December.

Myles Standish State Forest

In connection with this reservation it was understood from the Commission's records that the work of the three men employed on the reserve should continue until October 1st. Owing to the fact that the present meeting of the Commission is held on October 2d it was considered best to retain these men pending a decision of your Commission at this meeting as to whether or not all work should be stopped, or whether a certain amount of it should be continued. It appears from inspection of the work done during the past three months on this reserve by the Commission that to stop all work entirely at this time will mean the leaving of work done in an unfinished and unsatisfactory condition. Owing to the fact that much of the work done has been along lines such as road clearing and improvement, it has naturally followed that considerable brush has been cut and left. This constitutes a fire menace and also, if allowed to remain unburned, is going to be a factor in increasing costs of clearing roadsides in the future.

The proper maintenance of the State cranberry bog on this reserve calls for the clearing of all birch and pitch pine one rod wide around its borders, the clearing of the ditches, and the sanding of the vines. It is estimated that the work necessary to be done on the bog will require the time of three men for one week, and that two or three hundred running feet of plank need be purchased for the ditch clearing.

The better protection of the young pines set last spring calls at least for the better clearance of a few more old roads. It appears from an inspection of the work done and necessary to be done that in order to leave the work already undertaken by the Commission in a satisfactory condition it will be necessary to retain the services of two or three men for two months, plus a few days during the winter in case sufficient wet is not available before December 1st in which to

dispose of brush.

Savoy Lands

At the meeting of the Commission on September 11th it was voted that the boundary surveys of the Harold Parker State Forest and Savoy lands should be compass, and not transit, surveys.

The compass survey of the Savoy lands run partly by direct, but mostly by meander, lines, was completed on September 20th. This method of survey, while sufficient to determine within reasonable limits of accuracy the location of corners, the area encompassed, and also the location of connecting lines on paper, does not permit of knowing other than roughly approximate when one is on State or private property when on the ground itself. If the Commission desires the boundary lines of the reservations to be definitely denoted upon the ground it will be necessary, in connection with the Savoy lands, to run at some future time direct lines, and to clear and mark them, in which case the Savoy Lands survey cannot be said to be but partly completed at this time.

The tax receipts are being received from owners of the Savoy Lands, so that the purchase of the parcels can begin to be made soon.

Harold Parker State Forest

In connection with this forest, and in order to eliminate the technicalities and added cost involved in locating the lines of all parcels of land purchased it was voted at the meeting of the Commission on September 11th to have the Engineer run the exterior lines of the forest as nearly as could be determined in his judgment as to where they should be and take in all land purchased or probably purchasable without involving the expense of much detail line finding. It was believed by the Commission that any dispute involved after a taking was made of lines run in this manner could be adjusted after a taking has been made.

The instructions in regard to this method of line-running have been followed out, with the result that much time and expense have been saved. The main part of the survey will be completed by October 6th. Inasmuch, however, as the Commission desires to acquire all land possible in connection with this reserve, and assuming that the Commission desires to acquire, through purchase if possible, rather than by a taking, it appears best to not close the survey on the west side of Jenkins Road until more land possible of purchase is looked up and owners interviewed. It appears that a larger reservation and better boundaries can be secured if no taking is made of this tract for another year.

Myles Standish State Forest

In connection with the Myles Standish State Forest it is necessary to state that the heavy frost of two weeks ago practically ruined the crop on the State bog. It was damaged to such an extent that expert cranberry-growers stated the expense of picking and marketing the berries undamaged would result in no revenue.

Also, in connection with the taking of the Myles Stand-

ish State Forest, a request has been received from Mr. Barnum, of the Attorney-General's office, that a vote of the Commission be recorded in the Commission's records on the date of August 14th to the effect that the Commission has voted to make the taking of this tract.

Does your Commission desire to have made and placed at the road from the main highway and running toward the reservation and at the entrance to the reservation signs indicating how people may reach the reserve?

The Commission has not at any meeting discussed the question of fire insurance on the buildings and equipment on the Myles Standish, Otter River, and Savoy forests. Does your Commission desire to take any action in regard to this?"

V O T E D that the above report be accepted and be made a part of the official records.

V O T E D that the taking of the Otter River State Forest be postponed.

V O T E D that the work of the three men employed on the Myles Standish State Forest shall continue until November 30, 1917.

V O T E D that the work of putting the two cranberry bogs on the Myles Standish State Forest into proper condition be done, and that the planks needed for ditch work be purchased.

V O T E D that an inventory be made of all property within the buildings on the Myles Standish and Otter River State forests.

V O T E D that the bill of Mr. Henry C. Neff, dated August 2, 1917, for survey in Savoy be paid.

V O T E D that no action be taken at this time in regard to signs for the entrance to the Myles Standish State Forest.

V O T E D that no action be taken in regard to insuring the buildings and their contents on the reservations.

Some discussion was had concerning the boundary surveys of the State forests. This discussion involved the question of what kind of surveys should be made and the expense of same. It was stated by Mr. Haynes that in his opinion the boundary line surveys of the State forests should be made with transit and that the lines should be cleared and definitely marked, inasmuch as they were of a permanent nature, and also the area enclosed by them was subject to control involving State fish and game laws.

Mr. Haynes desired to go on record to this effect, and after discussion it was

V O T E D that the Commission consider such surveys as are made with compass and by meander lines, as in Savoy, as temporary and not final.

It was

V O T E D that a trip be made to the Otter River and Savoy.

forests on October 9th and 10th, Mr. Shepard and Mr. Haynes to leave Boston at ten o'clock A.M. on October 9th by automobile for Winchendon, and Mr. Rane and Mr. Bailey to go if possible.

Adjourned at 1 o'clock P.M.

F. L. Haynes
 Engineer for the Commission,
 acting for the Secretary.

Records of the thirty-fourth (34th) regular meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, November 6, 1917, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report covering the period between September 30th and October 31st, 1917, as follows:-

"The following report covers the period between September 30th and October 31st, 1917.

Otter River State Forest

No work has been done on this forest during the above period through expenditure of the Commission's funds.

Harold Parker State Forest

The boundary survey of this tract was completed on October 6th. No work of any kind has been done on this forest since that date.

Savoy Lands

Tax receipts have been received from all former owners of the Savoy lands, signed deeds have been received covering all but one parcel, and the major portion of the Savoy lands area is now in possession of the Commonwealth.

Myles Standish State Forest

The work of opening up old roads on this reservation has been completed for this season. The work done has been mainly on that portion of the reservation south of Halfway Pond road. It is on this southern part of the reserve upon which the young pines are planted, and it is believed that the network of roads opened up is sufficient to make this entire portion readily accessible for fire-fighting equipment. In connection with these roads it should be understood by your Commission that they do not in their present rough condition constitute

reliable fire stops in themselves, inasmuch as considerable stubble remains in them, but they do offer the possibility of getting fire equipment over them on any part of the south section of the reserve in a reasonably quick space of time, and thereby offer protection to the planted areas of a valuable nature. These roads should eventually be grubbed or scraped out to a dirt surface and kept so.

The work of the men employed on the reserve will from now on up to November 30th consist of piling the brush cut on the several miles of roads in readiness for burning and in repair of the two cranberry bogs.

The data for a type map of the Myles Standish State Forest was secured during October, and is now available for plotting.

Future Work

In connection with the four State forests there has been secured during the past two years field data of various kinds and of sufficient amount to require three months of drafting work in order to get it in complete and usable shape on plans.

In connection with final plans of the reservations it is desirable, in connection with future field work that may be done, to have the contours of the areas shown upon the plans. The most inexpensive way in which this contour work can be done is by photographic enlargement of sections of the State topographical sheets.

The topographical enlargement work necessary for the four forests will cost about twenty-five dollars for the Myles Standish State Forest, and from ten to twelve dollars for each of the other three forests, or a total of about sixty dollars for the whole.

Will your Commission authorize the expenditure of this money?

The inventories of property within the buildings on the Myles Standish and Otter River forests have been made, and the data is at hand in this office.

The amount of the Commission's funds on hand November 5, 1917, is Thirteen thousand eight hundred and twenty-four dollars and thirty-one cents.

Commission's travel fund, Three hundred and thirty-two dollars and ninety-one cents!"


It was

V O T E D that the above report be accepted and be made a part of the official records.

V O T E D that the photographic enlargement work referred to in the above report be done.

V O T E D that an examination be made of the lands in the vicinity of Waquoit Bay and a report pertaining to these lands be submitted to the Commission at their next meeting.

Adjourned at 11:30 o'clock A.M.


Engineer for the Commission,
acting for the Secretary.

Records of the thirty-fifth (35th) regular meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Monday, December 10, 1917, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report covering the period between November 6th and December 4th, 1917, as follows:-

"The following report covers the period between November 6th and December 4th.

No work of any kind was undertaken on the Harold Parker and the Savoy state forests. On the Otter River State Forest a small amount of repair work was done on the buildings.

Myles Standish State Forest

All work on this forest for this season ended on November 30th, with the exception that on suitable days during the winter it has been arranged that Mr. Shaw and one assistant may work a sufficient number of hours to make up a total of two full weeks for two men on brush disposal work. This arrangement does not involve any expenditure of funds that has not already been voted by the Commission, for the reason that instead of employing three men during November on the reservation the services of two men were used. It was believed that the third man's time could be better utilized on brush-disposal work when suitable burning days were at hand during the winter. The work during October has gone along well, and the reservation can be left for the winter in fairly good condition.

For experimental purposes, and in order to arrive at a probable cost for brush clearing and brush disposal of scrub oak, a square acre was surveyed out and staked, the scrub oak cut, piled, and burned, and a very careful account kept of the exact costs of the work done, with the following results:-

Cost of clearing,

3 men for 15 hours, \$13.59

Piling and burning,

2 men for 7 hours 4.38 \$17.97

This experimental acre was of No. 4 scrub oak, which is the largest size class of scrub and the most expensive to clear. The above figures, therefore, are the limit of cost for this type of work on this reservation. From the experiment it may be stated that by using local town labor the costs of clearing and burning of the scrub oak on the various parts of the reservation will range from eight to eighteen dollars per acre, the costs varying, naturally, as the size and density of the scrub oak varies.

The taking of the Myles Standish State Forest was recorded at the Plymouth Registry of Deeds on October 3d last. The time limit within which possible land-owners claiming land inside of the condemned lines may file their claims is two years from the date of the recording of the taking, or October 3, 1919. There are two parties who had holdings inside of the lines known of by the Commission. They are John J. Russell, of Plymouth, and a

Mr. Barrows, of New York. Mr. Seagrave, of the Attorney-General's office states that it is not necessary to notify these parties that a taking has been made. / Does the Commission desire to do so?

Following a vote of the Commission on November 6th an examination was made of the lands in the vicinity of Waquoit Bay, and the results of the examination are submitted in a separate report!

It was

V O T E D that the above report be accepted and be made a part of the official records.

The Engineer submitted also a report on the examination of lands in the vicinity of Waquoit Bay, called for by a vote of the Commission at its meeting of November 6th, as follows:-

"In compliance with a vote of your Commission at the meeting on November 6th last, an examination was made on November 13th of the lands in the vicinity of Great Neck and Waquoit Bay, and the following report is based upon said examination.

Location

The lands inspected are situated in Mashpee, Mass., in the extreme south portion of the township, and include the section about the east side of Waquoit Bay, Hamblin Pond, Great River, Jehews Pond, Sage Lot Pond, and Flat Pond. /

Boundaries

Roughly, it was considered that were a reservation to be established in this section it would be best, if possible, to have it bounded about as follows: On the south and east by Nantucket Sound; on the north by the road running from a point on Popponessett Beach toward the north end of Hamblin Pond, and across the north end of said pond to the Quashnet River; and on the west by the Quashnet River and the east shoreline of Waquoit Bay.

Area

A tract of land having the above-described exterior boundaries would comprise an area of approximately twenty-eight hundred acres, which includes both land and water surfaces. The water surfaces take in perhaps one-fourth of this area. /

Soils

The soils throughout the area range from light to heavy sandy loams, and on the whole are of sufficient quality to produce heavy stands of forest trees, either pine or hardwoods.

Growth

The growth throughout the entire area consists of pitch pine, a few scattering white pine, standard oaks and scrub oak.

Pitch Pine

This species is present in all stages of its growth from seedlings up to and including trees from one and a half to two feet in diameter. It occurs in pure stands and also scattered in amongst the oak. Much of this pitch pine is of saw size and suitable for lumber.

Oak

Heavy stands of oak, mainly red, and mostly of medium or cordwood size,

are present on many parts of the area, and scattered oaks of a size suitable for lumber were noted.

Scrub Oak

This was present over considerable portions of the section, and to a considerable extent was of large size for scrub oak.

Accessibility

The area under consideration lies about seven miles east of Falmouth, the nearest railroad point. The state road along the southern portion of the arm of the Cape runs directly past the entrance to the proposed reservation, thereby making it readily accessible to the large numbers of people traveling through this section by automobile.

Ownership

The section under consideration is split up into several parcels held by various owners. The names of these owners and the areas of their holdings have not as yet been determined. Titles to this property should not be greatly involved, inasmuch as the entire township was laid off as recently as 1884.

The proposed reservation, on account of the considerable area of water surface, has excellent possibilities for the production and preservation of wild bird life in connection with the work of the Fish and Game Commission.

The proposed reservation on the whole is not, strictly speaking, a waste land proposition, owing to the fact that a considerable portion of it is covered with a stand of trees, many of which are of saw size, and the remainder of cord wood size. This wood, while not readily accessible to a good market at present, has a prospective merchantable value, owing to the fact that a channel is to be made available in the bay nearby in the near future through which cut wood could be moved by barges to a suitable market!

V O T E D that the above report be accepted and made a part of the official records, and that the Engineer be directed to make a further investigation and submit an additional report to the Commission at a later meeting.

V O T E D that Mr. John J. Russell, of Plymouth, and Mr. Nelson C. Barrows, of New York, who claimed an interest in certain parcels of land within the limits of the Myles Standish State Forest, be notified through the Attorney-General's office of the taking by eminent domain of the above-named property.

On the verbal request of Mr. Saxeby, of Reading, to cut and removing dead and dying wood from the Harold Parker State Forest, after some discussion it was

V O T E D that the privilege be granted, provided that wood so taken should be cut and removed under the direction of the Engineer.

The Engineer called to the attention of the Commission the desire of Miss Alice Gray to remove under cutting rights from a portion of the Harold Parker State Forest. This brought up the question of possible injury to young pine, and it was finally

V O T E D that Mr. Haynes caution Miss Gray to be careful that no

injury results from any operations which she may carry on.

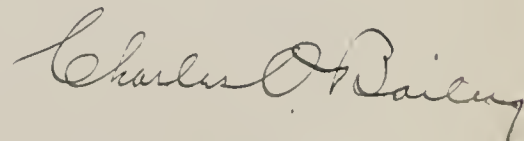
The matter of purchasing lands in the town of Mashpee, which has been under consideration by the Commission, was discussed, but action was postponed until a later meeting.

The Chairman read a draft of the annual report of the Commission for 1917 which he had prepared, and it was
V O T E D that said draft be approved.

The request of Mr. William C. Adams, Chairman of the Fish and Game Commission, that his Commission be allowed the use of the wire now in possession of the State Forest Commission, and stored at the Myles Standish State Forest, was duly considered, and it was
V O T E D that Mr. Adams be invited to attend the next meeting of the Commission, at which time it was hoped that definite action would be taken.

The request of Mr. Carl Raymond, of the office of Supervisor of Administration, for information relative to the estimates submitted to his department, was considered. Mr. Raymond was called before the Commission, and stated the reasons for requesting this information, and Mr. Haynes was directed to submit to Mr. Raymond the information desired as prepared in his report under date of November 21, 1917.

Adjourned at 12:30 o'clock P.M.



Secretary.

Records of the thirty-sixth (36th) regular meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, February 5, 1918, at 10:30 o'clock A.M.

Present, Messrs. Shepard and Rane. Mr. Whitney telephoned from Winchendon that because of unfavorable train service he was unable to get to Boston in time to attend the meeting.

The records of the previous meeting were read and approved.

Mr. Haynes submitted his report, dated February 5th, as follows:-

"At the last meeting, held on December 10, 1917, your Commission voted that a further report on the Mashpee lands be made covering the values of the lands under consideration. Additional data secured on these lands from the assessor at Mashpee indicate that the various properties are assessed at surprisingly high figures.

Based on twenty-four separate parcels, all within the area under consideration, the assessed valuations for the past three years are as follows:-

<u>Year</u>	<u>Number of Lots</u>	<u>Area</u>	<u>Assessed Valuation</u>
1915	24	937 A.	\$28,530
1916	"	" "	41,380
1917	"	" "	84,290

Average assessed valuation in			
1915	\$30.4	per	acre
1916	44.1	"	"
1917	89.8	"	"

It would appear from the above high values placed upon the properties that their purchase for reservation purposes is out of the question under the law governing the Commission's land acquisitions.

A tracing of the lots constituting the south half of Mashpee township has been made and is on file at this office for future reference. There are in other portions of the township considerable areas of waste land that probably can be acquired at a reasonable price if your Commission desires to consider them.

No field work of any nature has been undertaken on any of the reservations during the past two months through the expenditure of the Commission's funds.

Deeds conveying land of Alice Gray, E. Kendall Jenkins, and Jeremiah F. Mahoney to the Commonwealth have been passed since the last meeting. The above parcels pertain to the Harold Parker State Forest.

At the December meeting it was voted that John J. Russell, of Plymouth, and Frank Barrows, of Carver, be notified through the Attorney-General's office that a taking had been made of their holdings. The matter was referred to Mr. Barnum, of that office. Mr. Barnum stated that the notification of taking should be made by the Commission. Mr. Russell has been notified of the taking for reasons that can best be explained verbally. Mr. Barrows has not as yet been notified.

During the past two months most of the work done has consisted of plotting maps.

All data secured to date on the Harold Parker State Forest has been plotted on a large-scale map.

Small maps have been made of all four forests showing elevations, etc., and also small maps showing simply the outlines of the reservations. It is believed that these small-scale maps are desirable for many purposes for which large-scale and more expensive plans would not be suitable.

The type maps (large scale) of the Myles Standish and Otter River state forests are being made at the present time.

The amount of the Commission's fund on hand January 26, 1917, was

	\$10,957.57
Appropriation,	20,000.00
1918,	
	<u>\$30,957.57"</u>

It was

V O T E D that the above report be accepted and be made a part of the official records.

V O T E D that the Secretary notify Mr. John J. Russell and

Mr. Thomas Bailey Barrows of the taking of parcels of land formerly owned by them on the Myles Standish State Forest.

The Mashpee lands were discussed at some length, and Mr. Haynes was directed to ascertain what proportion of the taxes assessed on these lands has been collected in the past.

The future policy of the Commission with regard to administering the affairs of the several reservations was discussed, and it was

V O T E D that Mr. Haynes study the matter and submit an outline of operations which in his opinion should be followed during the next year, this report to be submitted at the next regular meeting of the Commission.

Mr. Shepard read a letter which he had received from Mr. E. H. Forbush, State Ornithologist, relative to a tract of land on Martha's Vineyard island which in his opinion may be bought at a very low price if the Commission should desire to establish a reservation on that island. The Secretary was instructed to acknowledge receipt of the letter and to express to Mr. Forbush the thanks of the Commission for his interest in the matter, and it was

V O T E D to authorize the Engineer to look into the matter and secure all the information possible with regard to its possible acquisition.

Mr. Adams, chairman of the Fish and Game Commission, appeared before the Commission, and some discussion ensued with regard to the policy which should be adopted relative to hunting on the Myles Standish State Forest. While no definite action was taken, both Mr. Shepard and Mr. Rane expressed the opinion that this question should be handled entirely by the Fish and Game Commission, and Mr. Adams concurred in this idea. He stated that it was the intention of his Commission to carry out certain lines of work pertaining to fish and game on the Myles Standish State Forest as soon as funds would permit. Mr. Adams also stated that after a study of conditions it did not appear that the waters within the reservation were adapted to raising water-fowl. He felt, however, that a certain amount of good could be accomplished through breaking up and planting the different areas to different kinds of bird-food crops.

In regard to the wire at the reservation, Mr. Adams requested that the Engineer give him an account of the different sizes of mesh and the width of the rolls of wire there and an idea of the cost that has been involved through taking this wire down.

Adjourned at 12 o'clock noon.

Charles O. Bailey
S e c r e t a r y.

Records of the thirty-seventh (37th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, March 5, 1918, at 10:30 o'clock A.M.

Present, Messrs. Shepard and Whitney, Mr. Rane having been called away on business connected with the forestry department.

The records of the previous meeting were read and approved.

The Engineer submitted his report dated March 1st, as follows:-

"At your last meeting, held on February 5th, it was voted that it be ascertained what proportion of the taxes assessed against the Mashpee lands was received by the town. Mr. Edwards, selectman and assessor, has stated that all the taxes assessed against those parcels considered for reservation purposes have been paid.

In connection with securing information pertaining to the lands on Martha's Vineyard, there is as yet not much to report. Such information as has been secured is contained in the two letters from Mr. Swift, which are before you. It will be possible to make a trip to the Vineyard before another meeting, which would probably result in getting a better idea of the proposition as a whole and the amount of money that might be involved.

Your Commission at its last meeting voted that the Engineer submit at this meeting an outline of procedure which in his opinion would be a desirable one to follow during this year in expending the Commission's funds. There is available for use the sum of \$30,787.97. The expending of this money, based on the procedure followed during the past three years, naturally falls under the two divisions of land purchase and land improvement. Regarding further land purchases, the question arises as to the number of separate reservations your Commission feels it should establish in the State. It is a question the decision of which, of course, lies entirely with the Commission, but it would appear reasonable to assume that if one more reservation, or at most two more, were established the number of five or six separate reserves would be sufficient for all purposes. Additional purchases could constitute the enlargement of these five or six reserves. If a reservation can be established in the south-central part of the State in Worcester County, the main body of the State taken as a whole would then be well represented by State forests. Inasmuch as there is no assurance that additional funds will be appropriated for continued land purchases after the fund now on hand is exhausted, it is essential that the boundaries of the several reservations acquired be placed as nearly as possible as we should like to see them placed if they are to remain unchanged over a long period of years. Just how much the lines on the various reserves can be adjusted by the purchase of small parcels here and there, and adjoining present reservation lines, can only be determined by looking up such parcels and their owners, but it would seem best to keep in view in connection with remaining land purchases this idea of leaving as nearly as possible unbroken and clearly-defined boundary-lines on all reserves. Additional purchases made with this object in view may, if the land can be secured, involve the acquisition of fifteen hundred to two thousand acres. For all land purchases, whether

made for rounding out reservations already established or for new ones, it would appear best to set aside at least \$20,000 out of the \$30,787 on hand.

Under the head of reservation improvement work can be listed all activities not involved under land purchase. Your Commission realizes that any reservation improvement work that it may desire to undertake must necessarily be influenced at this time by two factors, one of which is the labor situation. It is doubtful, and in fact improbable, that even should your Commission desire to carry out any considerable amount of planting or other improvement work this year, it could be done. The question comes up that even though a fair amount of labor could be secured, whether or not under existing conditions it would be desirable to utilize it in planting trees or other forestry work if by so doing it takes it away perhaps from food production or other lines of work more essential at this time for the prosecution of the war. It will no doubt, however, be possible to secure a few men near each reservation, numbering from three or four to eight or ten, whose services can be utilized as well as not. The other factor that must influence certain kinds of reservation work at this time is that of not being assured that continuous yearly appropriations will be made to carry on certain kinds of work that might otherwise be undertaken. With all of the above in view, the following outline along improvement work lines is submitted for your consideration.

Myles Standish State Forest

In connection with this reservation, as has been stated in former reports, the major problem to consider is that of adequate fire protection. On account of the nature of the area making up this reserve and the section surrounding it, the fire question presents really serious aspects. None of the other reservations involve this fire hazard in anything like the degree that the Myles Standish State Forest does. After additional study of the matter it still appears reasonable to believe that a network of roads put and kept in reasonably good condition offers the best solution of the matter under existing conditions. The State Fire Warden concurs in these views. The reservation is, during the most dangerous fire seasons of the year, covered by three fire observation towers. These, taken in conjunction with the men and equipment available in the nearest surrounding towns, and a small amount of equipment at the reservation, and, taken in conjunction with a good system of roads, offer a reasonable assurance of protection against disastrous fires. The fire-tower men will, unless hampered by unfavorable air conditions, see and report a fire about as soon as it starts. It then becomes a question of quick response by the men with equipment from the nearest towns as to how much headway a fire would get. Having responded, it becomes absolutely essential that they have open roads over which to get their equipment as soon as possible. Fire lines in this section are of course of value, but good ones, with ground completely broken, are expensive to build and maintain, and are useless unless well maintained. It would appear best in the case of the Myles Standish State Forest not to attempt the making of them to any material extent under present conditions. There are on the reservation at the present time forty miles of roads of various kinds. Could the reservation have been secured before any roads were laid out in it it would have been, and of course still is, possible to have laid out a

straighter and more regular system, thereby splitting the reserve up into more regular compartments. Inasmuch as they are now there it would seem best to improve and use the present layout of these forty miles of road. Twenty-six have been improved to the extent that equipment can be gotten over them. Three miles more have been partly cleared, and the remaining eleven miles are untouched. The sum of \$2500 could very well be used on this road work if your Commission desires to set aside this amount, the same to be expended in further improving already partly improved roads, straightening, and putting into shape those not yet cleared.

Planting

The question as to how much planting should be done on this reserve is one that should, it seems, be reasonably based upon just how much protection the plants can be given over a long period of time. The planting proposition on the Myles Standish State Forest is a different one from that on the other reservations. On the Otter River, Harold Parker, and Savoy forests planting can be done, even though not a large amount of fire protection is carried on, at a reasonable risk. The proposition is entirely different on the Myles Standish State Forest. I believe it was a mistake to have started planting, and would be an added one to continue it to any material extent on this reserve until adequate protection to the plants can be assured over a long period of time. If your Commission or the forestry department desire to take the risk, probably one hundred thousand plants could be set this season.

Caretaker

As stated in former reports, it would seem good policy to have a caretaker on this reservation. A suitable man could no doubt be found at from sixty to seventy-five dollars per month. If one is employed it would seem best to have a married man.

Gould's Bottom Field

Last year the Commission allowed the people of South Carver to have the use of Gould's Bottom Field for the production of farm crops. The question of using it this year has been taken up by the local grange, and its use is desired by grange members.

Harold Parker State Forest

Planting work can be done on this forest this year, the amount that can be done depending mainly upon the amount of labor that can be secured, and the same is true of the Savoy State Forest. The sum of \$2500 could be set aside for planting work this season, although it may not be possible to expend the whole of this amount advantageously. This amount is set assuming that all plants will be furnished from the forestry department nurseries free of cost.

Otter River State Forest

Mr. Cook has stated that he will probably plant from seventy-five to one hundred acres on this forest this year, re-plow the fire lines, and keep one or two men employed during the year on various kinds of work.

Reservation Buildings

Last year the sum of one hundred and fifty to two hundred

dollars was voted for repair work on the buildings at the Otter River State Forest. All of this amount was not used. It is desirable, of course, that the buildings at South Carver and Savoy be kept in proper condition, and it is recommended that the sum of five hundred dollars be set aside with which to make any repairs or improvements thought necessary on or in any of the buildings on the three reservations.

Automobile

The Commission's automobile should be overhauled and put in shape for the year. The expense of doing this may be from ten to twenty-five dollars, depending upon what is found necessary to be done on it. A full set of tires, consisting of two 30 x 3 and two 30 x 3½, should be purchased, and spare inner tubes. If thought best these costs could be charged against the Commission's traveling fund."

It was

V O T E D that the above report be accepted and be made a part of the official records.

The question of acquiring more reservations was discussed, and it was

V O T E D that the Engineer be directed to obtain further information on the Vineyard lands and look up any areas in the south-central portion of the State which might be suitable for reservation purposes.

V O T E D that the Engineer be instructed to look up lands around and adjoining the present reservations, with the exception of the Myles Standish State Forest, in order to ascertain whether or not additions could be made to these reservations.

It was

V O T E D that the privilege of using Gould's Bottom Field for purposes of raising farm produce be granted to the citizens of South Carver again this year.

V O T E D that the Engineer be authorized to continue the road building and improvement work on the Myles Standish State Forest, and that he secure the services of three or four men for this purpose, their employment to last from spring until early winter.

It was

V O T E D that no planting of trees be done on the Myles Standish State Forest this year, and that the Commission feel that in view of the conditions prevailing at the present time it would be best not to attempt planting on any of the reservations this season.

The Engineer read a communication dated February 25th received from Mr. F. George, of Savoy, offering one hundred dollars for the use of the reservation building through the coming season in case he could get a tenant to occupy it. The Commission

V O T E D that Mr. Haynes be authorized to accept the terms as stated in said letter, providing a suitable tenant occupy the buildings and keep them in proper condition.

V O T E D that the Engineer cause the reservation buildings on the

several reservations to be put in proper condition at a cost not exceeding five hundred dollars.

V O T E D that Mr. Haynes be authorized to cause needed repairs to be made on the Commission's automobile, and to purchase the necessary tires and tools for the season.

Representative Briggs, of Plymouth, appeared before the Commission and made a general statement relative to taking land formerly owned by Mr. Russell, and asked that the taking be abrogated. He also urged that the Commission grant permits for hunting on the Myles Standish State Forest under proper regulations. The Commission took these matters under advisement for a future decision.

V O T E D that the Engineer find a suitable caretaker for the Myles Standish State Forest in case it is decided later to employ one.

In connection with the taking of the Otter River State Forest, it was

V O T E D that no definite action in regard to this matter be taken at this meeting, and that the Engineer be directed to secure additional information in regard to two owners of property inside the reservation lines.

Adjourned at 12:30 o'clock P.M.

Charles O. Bailey

S e c r e t a r y.

Records of the thirty-eighth (38th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, April 2, 1918, at 10:30 A.M.

Present, Messrs. Shepard and Rane.

The records of the previous meeting were read and approved.

The Engineer submitted his report, dated March 30th, relative to his activities during the month of March, as follows:-

"In connection with securing additional information pertaining to the VonHorst property on the Island of Martha's Vineyard, a trip was made to the island on March 19th. The following report is based upon observations made and information secured on that date.

Location

The VonHorst property consists of eleven hundred acres in one solid block situated in the township of West Tisbury and about in the center of the island.

The nearest point of this block lies but about one-fourth mile to the west of the Heath Hen farm, which is operated by the Fish and Game Commission, and lies also about one mile southwest of the State fire observation tower. The location of the tract is approximately outlined in solid red line upon the submitted topographical sheet.

Type of Land

The eleven hundred acres are but a part of a larger area of similar nature, much of which was burned over two years ago. The section is of a flat or slightly rolling nature between forty and eighty feet above sea level. On that portion of the area which was burned over the growth at the present time consists mainly of small scattering and thin scrub oak. The soil, while similar to that of the whole Cape region, is of heavier composition and much better than that of the Myles Standish Forest. Experiments made near the Heath Hen farm property have indicated that excellent crops of corn and many kinds of vegetables can be produced.

Ownership

The eleven hundred acres above referred to have been gradually acquired, beginning about twenty years ago, by Louis VonHorst. Taxes have been paid each year up to date on the property, and title is apparently clear and still held by this VonHorst.

Remarks

It is understood that VonHorst is now in London under charge of the Government. A letter sent to his agent, Mr. Dwight J. Bartello, Clark Street, Chicago, asking for information concerning the land and whether or not it was for sale, and at what price, has been returned to this office. Apparently the agent was unknown at that address, and his name could not be found in the directory section of the Chicago post-office.

From Mr. Swift, surveyor, on Martha's Vineyard, it was learned that VonHorst acquired the various parcels making up the eleven hundred acres at a price ranging from one dollar to one and one-half dollars per acre. A careful survey of the entire property has been made by Mr. Swift at a cost of about five hundred dollars, and an elaborate plan was made and sent to London. The corners of the various parcels have been plainly marked by small granite bounds.

It would appear after having looked over this area that if your Commission desires to establish a reservation on Martha's Vineyard Island the section including the VonHorst property is the place for one. It is believed that title to about two thousand acres could be secured, and the lines could no doubt be placed in such a way that they would join six hundred acres now owned by the Fish and Game Commission and include the sixteen acres state-owned upon part of which the fire-tower is located. The section offers an excellent opportunity for extensive planting of Scotch and white pine.

A stand of Scotch pine situated on the Game Farm property has made an excellent showing, some years making a growth of over two feet.

The fire risk, like that of most of the Cape region, is a very material one, but owing to the flatness of the section, making the building of roads comparatively easy, and owing to the fact that the area lies almost directly under the fire tower, it would appear that the danger from disastrous fires can be reduced greatly.

It is believed that the section is worthy of further consideration by your Commission, and warrants a visit to the Vineyard by your Commission.

Savoy Forest

A trip was made to this reservation last month. It was found that the reservation house was left in a poor and uncleanly condition. It will cost probably one hundred and fifty dollars to put the house in a livable condition, and arrangements have been made with Mr. and Mrs. Fitzroy to do this as soon as they can take up the work. A Mr. Burnett has asked for the use of two pastures on the Savoy reservation for this year, and will pay forty dollars and repair the fences.

Does your Commission desire to rent these two pastures?

Does your Commission desire to rent other pasture lands on the reserve if renters can be found?

Two residents of Savoy desire to purchase a small barn situated upon the former Maynard property. The barn is not in the best of condition, and is of little value for any purpose of the Commission. Does your Commission desire to sell it at a figure that Mr. Fitzroy would consider fair to both parties?

It appears probable that the property of a Mr. Kmeic, consisting of about one hundred and twenty-five acres, can be secured this year at a price of about \$6.25 per acre. This property, as can be noted upon the plan, cuts into the reservation lines in such a way that its acquisition is desirable in connection with the establishing of better permanent boundaries for this reserve. The property consists of a second-rate lot of farm buildings, open area, and fair woodland. The acquisition of this property would very materially straighten the reservation lines and clear up some disputed corner boundaries. I would respectfully recommend the securing of this tract if it can be had at not over \$6.25 per acre.

Myles Standish State Forest

Two men began work on the roads on this reserve on March 18th. Another man may be added soon. On account of the large area and the several miles of road they have to cover it is doubtful if they can do more than widen, improve, and clear existing roads. The straightening of these roads to any material extent opens up more work than three men can accomplish this season. It is apparent from the roadside trimming that has so far been done that there will be large quantities of brush to dispose of by fall and several cords of wood to sell. Inasmuch as winter is the only safe time to burn brush in this section, provision should be made for the services of two men during part of the winter for this purpose.

Caretaker

An excellent caretaker for the reservation can be secured by employing Mr. Day, formerly superintendent of the Heath Hen farm on the Vineyard. Mr. Day desires the position, but for reasons that can best be explained verbally it would appear that his employment might not meet with the approval of the chairman of the Fish and Game Commission. A letter from Mr. Adams in connection with a caretaker's expenses on the reserve is before you for consideration."

It was

V O T E D that the above report be accepted and be made a part of the official records.

V O T E D to rent the Burnett and Healey pastures on the Savoy reservation to Mr. Burnett for the season of 1918 at the price of forty dollars, the renter to repair all fences at his own expense.

V O T E D that the Engineer be given full authority to rent other lands on the Savoy reservation if there are calls for such lands for pasturage purposes, he to report monthly any transactions or agreements entered into.

V O T E D that the Engineer be authorized to sell the old barn on the former Maynard property at such price as Mr. Fitzroy considers fair to both parties, with the understanding that the barn shall be removed from the premises.

V O T E D to buy the Kmeic property in Savoy adjoining the present Savoy reservation lines at a price of not over six dollars and twenty-five cents per acre, provided Mr. Kmeic is willing to sell.

A letter from William C. Adams, of the Fish and Game Commission, of March 4th, was read with respect to the employment of William Day as caretaker for the Myles Standish State Forest and what proportion of his expenses the Commission felt it could stand. After some discussion it was

V O T E D that Mr. Rane be authorized to consult Mr. Adams, and if an agreement is reached with regard to the matter to request Mr. Adams to see that it is put into effect.


The question of taking of the Otter River State Forest was postponed until a future meeting in order that Mr. Whitney might have an opportunity to express his views to the Commission with regard to the desirability of such taking.

V O T E D that ten acres of land belonging to Mr. Herbert Wood, of South Royalston, be acquired at the price of one hundred dollars for the ten acres, this purchase to be made mainly for the completion of a river boundary-line for the north part of the reservation.

V O T E D that the Commission make a tour of inspection, beginning Tuesday, April 30th, leaving the State House at 9:30 A.M.,

first visiting the Myles Standish State Forest and then proceeding to Martha's Vineyard Island to look over the so-called VonHorst lands.

Adjourned at 11:45 o'clock A.M.



S e c r e t a r y.

Records of the thirty-ninth (39th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, June 4, 1918, at 10:30 A.M.

Present, Messrs. Shepard and Rane.

The records of the previous meeting were read and approved.

The Chairman submitted a report dated June 4, 1918, on the visit of himself and Mr. Haynes to Martha's Vineyard, and said report was placed on file.

Letters were read from the Fish and Game Commission dated May 25th and May 27th relative to the care of the Myles Standish State Forest, and it was

V O T E D that Engineer Haynes be authorized to represent the Commission in making an agreement with Mr. Bourne, representing the Fish and Game Commission, setting forth the duties and activities of Mr. Day at the Myles Standish State Forest and report to the Commission at the next regular meeting.

The Engineer submitted his report dated June 3rd, as follows:-

"The last meeting of your Commission at this office was held on April 2d. Since that time the work done has been of a rather general nature.

On May 1st a trip was made to Martha's Vineyard with Mr. Shepard in order to look over the land there possible of acquisition for reservation purposes. A portion of this land is comprised of the Von Horst property which was referred to in the April report. In connection with this property a letter has been received from Mr. D. J. Partello, of Chicago, agent for Von Horst, stating that if your Commission would submit a price upon the land he would take the matter up with its owner without delay. The Von Horst holdings on the Vineyard have had an assessed valuation of \$897 for the past three years, and acting upon the suggestion of Mr. Shepard a letter has been sent to Mr. Partello stating that the Commission will purchase the property at the above figure. This price, if accepted, would bring the cost per acre at 81½ cents.

Myles Standish State Forest

Since the last meeting of your Commission the services of Mr. William Day have been secured as superintendent of the Myles

Standish Forest. Mr. Day assumed his duties there on May 20th. In connection with his employment it may be well to have on record the following:

1st. That his salary is to be at the rate of \$1200 per year.

2d. That \$600 of this salary is to be paid by the Forest Commission and \$600 by the Fish and Game Commission.

3d. That the pay begin from May 20th.

It would appear for several reasons advisable to have all of Mr. Day's work of whatever nature done under the supervision of the Forest Commission, thereby making him responsible to but one head. While this line of procedure has not been decided upon sufficiently to place on record, it is apparently satisfactory to the Fish and Game Commission that this plan be carried out as far as possible. Letters from Mr. Adams and Mr. Bourne are before you in this connection. The work of Mr. Day up to date has consisted entirely of that of putting the small reservation house into suitable condition for himself and his wife to live in. Out of the fund of \$500 voted for the purpose of caring for the buildings upon the reservations the amount of \$150 to \$200 will be required at the Myles Standish Forest. It is believed to be necessary and advisable to expend this amount for upkeep purposes on this reservation at this time. It will probably require the time of Mr. Day and one or two assistants for one or two weeks longer in order to get the buildings and the immediate surrounding area into the condition desired. There should be purchased a set of plumber's tools for use of Mr. Day in making the pipe and other repairs needed from time to time. A set of tools for this purpose would cost about \$25 to \$30, and would soon be saved through doing away with the expensive necessity of employing a regular plumber. The roadwork on the reservation has been temporarily discontinued until the building repair work has been finished, at which time it will be continued. The sample acre of land near Fearing's Pond which was cleared last fall has been planted to red pine this spring.

An inspection of the plantations made in the spring of 1917 showed the pines of all kinds to be about 98% alive and doing well. The forty thousand poplars planted it would appear were an almost complete failure. Inspection indicated not over 2% of them alive at this time. It is very probable that these plants were winter-killed, for there seems to be no good reason why poplars should not grow in this section.

Harold Parker State Forest

The land of the Jenkins' heirs consisting of forty-four acres was acquired for this forest in April. Although it was not written into the deed it was the understanding before title was conveyed to the State that the Jenkins' heirs should have the right to cut and remove fourteen cords of wood from the property this coming winter. A deed conveying fourteen acres more for this reservation will be received soon from Arthur K. Johnson. There are twenty-four and one-fourth acres which can be secured from a Mr. Perley Woodbridge, providing your Commission will give him cutting rights for three years. Inasmuch as the major portion of the Woodbridge lot has already been cleared the cutting rights would involve but a small amount of wood. What does your Commission desire to do about this case?

Otter River State Forest

The property of John Cotton, consisting of fifty-five acres of land adjoining the present south line of this reserve has been acquired for \$250. The acquisition of this land brings the reservation line down to the road between Baldwinsville and South Royalston.

The property of Herbert C. Wood, consisting of ten acres, will be acquired in the near future. This property gives the reserve additional river boundary-line on the east side.

Savoy Mountain State Forest

At the last meeting of the Commission it was voted to acquire the property of a Mr. Kmiec which adjoins the present reservation lines. Since then Mr. Kmiec has put a price of \$1600 on his property of one hundred and sixty acres, so that its acquisition by purchase from Commission funds is out of the question. It is probable that three separate parcels of land, comprising three hundred and fifty to four hundred acres, can be secured at between four and five dollars an acre. These parcels adjoin the present south lines of the reservation in such a way that the State reserve line could be brought down to the Savoy and Cummington road. Will your Commission authorize the purchase of these lands if they can be secured.

Mr. Burnett has cancelled his offer of \$40 for use of the former Bonas' property pastures, stating that were the reservation house to be occupied his stock might damage the gardens of its occupants.

The barn on the former Maynard property is still awaiting a purchaser. One offer of \$20 was withdrawn after the possible purchaser looked the building over.

In connection with a tablet for the Savoy Mountain State Forest a price of \$55 has been quoted by the T. F. McGann Sons Company. This price is \$13 more than that quoted by the same company last year. Does your Commission desire to purchase at this price, and, if so, what official name for this forest will be placed upon the tablet?

The Arthur Warton Swann State Forest

On May 17th the Commission visited the property of Mrs. Susan Ridley Sedgewick Swann, in Berkshire County, which she had offered to give to the Commonwealth for use as a state forest.

The property consists of two separate parcels of land, the larger having an area of eight hundred and fifty-seven acres and the smaller an area of one hundred and thirteen and three-quarters acres, making the total land area nine hundred seventy and three-fourths acres. The major portion of the property was surveyed in January, 1902, by J. W. Curtis, civil engineer, of Great Barrington. Much of the larger parcel is enclosed by a wire fence. It will be necessary before a complete plan of the boundaries can be made to do some additional surveying in order to locate the boundaries of the smaller parcel with reference to those of the larger. It may be best at some time later to mark all corners in a more consistent and definite manner than is the case at present, and where lines are badly choked up to clear them. There are upon the two parcels a total of seventeen buildings of various kinds. Most of these buildings are at the present time in a good state of repair, and many or most of them have been built but about ten years.

Owing to the fact that there is upon this new reserve a considerable amount of land and several buildings used exclusively for agricultural purposes it is obvious that, unlike the other state forests, there is involved an agricultural proposition as well as a forestry one. It would probably be possible another season, if your Commission thought best, to rent or lease the farming areas and farm buildings to two practical farmers, thereby deriving sufficient yearly revenue to keep the buildings, etc., in proper condition. For the time being it would appear advisable to make some arrangement, if possible, with Mr. Minor to act as temporary caretaker of the property. It was learned from Mr. Minor, who has been caretaker and farmer for Mrs. Swann for several years, that the tax on the property last year was about \$380. With a tax rate in Monterey of \$16 per thousand, the assessed valuation would be about \$24,000! /

It was

V O T E D that the above report be accepted and be made a part of the official records.

Letters from Mrs. Swann were also read, and it was

V O T E D that the Commission accept the gift of Mrs. Swann, whereby the Commonwealth will become possessor of her property in Monterey township, and that the Secretary be requested to write to the donor expressing the appreciation of the Commission of her most generous gift.

The Chairman stated that he had had a personal interview with his Excellency the Governor and had informed him with regard to the donation of the Swann property to the Commonwealth.

It was

V O T E D to purchase the Perley Woodbridge lot adjoining the Harold Parker State Forest allowing Mr. Woodbridge three-year cutting rights.

It was

V O T E D that the Engineer be authorized to purchase additional land at the Savoy Mountain State Forest sufficient to bring the boundaries of the forest to the Savoy Hollow road.

It was

V O T E D that no tablet be purchased for the Savoy Mountain State Forest at the present time.

The Engineer was instructed to define the boundaries of the Swann property and to make an inventory of the personal property and arrange for fire protection with Mr. Miner. /

Adjourned at 11:30 o'clock A.M.


S e c r e t a r y.

Records of the fortieth (40th) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, July 9th, at 10:15 A.M.

Present, Messrs. Shepard and Whitney.

The records of the previous meeting were read and approved.

The Engineer submitted his report, dated July 10th, as follows:-

"It is probably unnecessary at this meeting to go into detail in regard to the reservation work. / On the Savoy Mountain and Harold Parker state forests there is nothing new at this time to report upon. The building improvement and roadwork on the Myles Standish State Forest is progressing favorably. Also, an outline of work for the Fish and Game Commission during the remainder of the present year has been submitted by Mr. Bourne. This outline has been submitted to Mr. Day, and is such that the Fish and Game and the State Forest Commission work can both be properly carried out each month. Another small parcel of land has been surveyed and added to the Otter River State Forest, and probably an additional ten acres can be added this month.

In connection with the Arthur Warton Swann State Forest a tentative agreement, subject to the approval of your Commission, has been entered into whereby Mr. Charles Minor, who now occupies one of the farmhouses, will act as caretaker of the property until spring, 1919, at the rate of fifty dollars per month. /

It would appear to be highly inadvisable to allow all of the buildings upon this property to be vacated and without care. The arrangement with Mr. Minor seems to be the best that can be made at this time.

Mr. Minor, as chairman of the Board of Selectmen of Monterey, has received a letter from Mrs. Swann stating that she will be exempt from taxes upon her former property in Monterey, inasmuch as it is in State possession. The assessor made his assessment in April and before the property was turned over. What position will your Commission take in regard to this tax this year? The amount will be between two and three hundred dollars probably.

One matter that has as yet not received full consideration by your Commission is that of having upon all of the reservations suitable signs giving upon them the specific name of each forest and stating upon them the right of the public to use these forests and the prohibition of all hunting. The signs now posted by the Fish and Game Commission at the Myles Standish State Forest are misleading and should be taken down, inasmuch as they give the impression that no person is permitted upon the tract. / The necessary lumber, printing, and painting of signs for all of the reserves would probably cost seventy-five to one hundred dollars. What action does your Commission desire to take in regard to having these signs made?

What action does your Commission desire to take in regard to a tablet for the Arthur Warton Swann State Forest?

At the next meeting of your Commission there will be submitted the takings for the Otter River and Arthur Warton Swann state forests and other matters that will need consideration by that time"

It was

V O T E D that the above report be accepted and be made a part of the official records.

V O T E D that Mr. Charles Minor, of Monterey, be retained as caretaker of the Arthur Warton Swann State Forest until spring, 1919, at the rate of fifty dollars per month.

In connection with the taxes on the Arthur Warton Swann State Forest Mr. Haynes was instructed to secure additional information upon the matter from the proper authorities and make report at the next meeting of the Commission.

It was

V O T E D that suitable signs be made for all the reservations and also signs indicating the direction of access leading to them, and that the sum of seventy-five to one hundred dollars be appropriated for this purpose.

It was also agreed that these signs should be as simple as possible consistent with the definite accomplishment of the purposes for which they are to be made. Mr. Shepard stated that in his opinion signs similar to those used on the Appalachian Mountain Club's reserves would be suitable.

In regard to a tablet for the Arthur Warton Swann State Forest it was agreed by Mr. Shepard and Mr. Whitney that it was best to place there a handsome tablet in keeping with the gift of this property. No definite vote was taken in regard to the matter, but it was agreed that Mr. Shepard should place before Mr. Arthur A. Shurtleff, the landscape architect, the question of a suitable tablet and would report Mr. Shurtleff's ideas in regard to it at the next meeting.

A letter from Engineer Haynes requesting that his salary be increased was read by the Chairman, and after some discussion it was

V O T E D that Mr. Shepard should formerly request the approval of the Governor and Council to increase his salary from fifteen hundred to eighteen hundred dollars per year.

Adjourned at 10:50 o'clock A.M.

Engineer for the Commission,
acting for the Secretary.

Records of the forty-first (41st) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Friday, September 6th, at 10:30 A.M.

Present, Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read and approved.

The Chairman, in accordance with vote passed at the previous meeting authorizing him to consult Mr. Arthur A. Shurtleff, landscape

architect, relative to a suitable tablet for the Arthur Wharton Swann State Forest, reported that owing to the absence of Mr. Shurtleff on vacation he had been unable to get in touch with him, but would do so before the next meeting of the Commission.

The Engineer submitted his report, dated September 6th, as follows:-

"The last report to your Commission was submitted on July 9th. Since then the work accomplished on the reservations has been of a rather general nature.

Myles Standish Forest

The work done on this forest has consisted of a continuation of the improvement of the buildings and roads. The four buildings are now in reasonably good condition, and the work upon them has consisted in part of painting the caretaker's house inside and out, papering three rooms, building a cobblestone chimney on the outside of the house, cementing portions of the cellar walls, building a cobblestone bulkhead with cement steps leading into the cellar, laying underground of suitable drains from the house, and several other minor improvements about the small house. The water pumping engine and system have been gone over and put into condition, so that a good pressure can now be obtained in all four buildings. A solid cement runway has been built at the barn to replace the rotten plank one, and solid cement plats have been built on either side of it at the two smaller doors. Paint has been purchased with which to go over the turnings of the barn, and when this is applied all of the buildings should present a satisfactory appearance. Mr. Hutchins, the State Fire Warden, has agreed to erect within a few weeks, on a point just beyond the rear of the bungalow, a thirty or forty-foot steel tower for observation purposes. This tower was formerly used in Chelmsford for fire work, and is being replaced by a larger one. The smaller tower, freshly painted, and with a suitable inclosed room built on its top, should, when erected on the site selected, make a valuable addition to this property. / Has your Commission any objection to the erection of this tower?

There is in the barn at the reservation an old Ford runabout owned by the forestry department, which was converted into a truck last year with Commission funds, and used about the reservation for various purposes. Mr. Rane and Mr. Cook feel that the Commission should pay for the acquisition of this machine, and have set a price of fifty dollars upon it. Although it is now not in running order, and needs new parts that will cost probably twenty-five dollars to put it in condition, and an outlay of considerable time by Mr. Day in repairing, it is no doubt worth the price set upon it plus the additional cost of parts and repairs. It is essential that there be at the reservation, for fire protection and other purposes, during most of the year, a light truck, and your Commission can probably do no better for a comparatively small cost than to purchase this old truck and have it put in shape. What action does your Commission desire to take on the matter?

/ It is possible that through Mr. Wheeler, of the department of agriculture, a small Ford tractor can be secured this fall for use in breaking up disused and grown-up fields of the Fish and Game Commission in planting these fields with bird-foods, and for experiment-

ing on the breaking of roads. Mr. Bourne favors the idea and states that his Commission will no doubt stand its proportional share of operating costs. The tractor idea has been tried successfully on Marthas Vineyard. Has your Commission any objection to the carrying out of this experiment on the Myles Standish State Forest provided the use of a tractor can be secured?

Otter River State Forest

On this reservation the improvement work on the buildings, consisting mainly of shingling, has been continued, and a small amount of surveying has been done in order to complete certain lines before making a taking of the tract. The former property of Fannie E. Perley, lying between Otter River and the Baldwinville-Winchendon road, and consisting of 15.6 acres, was purchased in July for seventy-eight dollars. This area has been surveyed and marked, and forms a portion of Parcel E.

The ten-acre lot of Herbert C. Wood lying next to the river at the northeast corner of the reservation, and mentioned in a former report, has not been purchased for the reason that Mr. Wood entered into a binding agreement of sale with other parties before offering to sell to the Commission.

The taking sheets of the Otter River State Forest approved as to form by the Attorney-General's department, together with the accompanying plan of the tract, are now before you for approval and signatures. In connection with this taking the following information is submitted for record.

In Parcel A the area covered by the taking includes four known separate parcels of land which have not been acquired by purchase, and are as follows:-

1. The old abandoned right-of-way owned by the Boston and Maine Railroad, consisting in total of about twenty acres of land.
2. The King Lot, so-called, of about twenty-two acres, lying next to Miller's River, and the South Royalston-Winchendon road.
3. About four or five acres of land lying next to the sharp bend in Millers River near the point where the transmission line crosses said river, and owned by a Mr. Miner.
4. Property of Carrie E. Fernald, of South Royalston, called five acres, of tillage land adjoining the South Royalston and Winchendon road, said five acres being reserved in a deed of Carrie E. Fernald to the Commonwealth, dated July 12, 1915.

In connection with Parcel No. 1, the old abandoned railroad right of way, your Commission will, in making a taking of it, be acting in accord with the advice of Mr. Ryder, of the Boston and Maine railroad, who favored this line of procedure.

In connection with Parcel No. 2, the so-called King Lot, your Commission, in making a taking, will include within the reservation boundaries, a parcel of land upon which no taxes have been paid for many years. If the owner is alive his whereabouts is not known, and has not been known for several years by the assessors of Winchendon. The taking of said King Lot will have the approval of the town officials.

In regard to Parcels Nos. 3 and 4 it is not unlikely that their owners can be later compensated at from eight to ten dollars per acre, and inasmuch as the Herbert C. Wood land was not acquired there is a small surplus of funds at hand applicable to additional Otter River Forest land purchases that may be used on these two par-

cels. The Miner parcel is of little value except for the completion of a river boundary-line. The Fernald parcel is in part agricultural land, and in use as such. The John Cotton Lot, so-called, of fifty-five acres, purchased by your Commission, and adjoining the south line of Parcel B, has not been included in the taking for two reasons:-

1. The expense of surveying it will or should be less if the survey is made when the leaves have fallen, thereby reducing clearing work.

2. It is not unlikely that additional land adjoining it on at least one, and possibly two, sides may be acquired later, thereby eliminating the cost of two surveys.

It is believed that the exceptions listed in the taking are sufficiently complete to cover any temporary rights reserved by former owners of land in the area now constituting the Otter River State Forest.

All rights of any nature as listed in the various deeds expire not later than 1921.

In Parcel B its west line has been extended so that it adjoins the State Templeton Colony lands, thereby connecting two State properties having a combined area of between four and five thousand acres. This extension of the Otter River State Forest line at this point brings into the taking a parcel of land of about twenty-three acres, the ownership of which is unknown according to one of the assessors of Templeton. These twenty-three acres consist mainly of small mixed hardwood growth, upon which no high value can be placed.

Savoy Mountain State Forest

The status of this forest is the same as at the last meeting of your Commission. The acquisition of a hundred acre parcel of land connecting three other parcels is necessary before additional purchases can be made. The necessary signatures of the several parties interested in this one-hundred-acre connecting lot have not as yet been secured, and possibly may not be for some months, owing to the nature of the case.

The hay on some of the Savoy land has been sold. The revenue will be between forty and fifty dollars, and will be secured from Mr. Fitzroy in the near future. The seventeen dollars secured through the sale of an old barn will be turned in at the same time.

Harold Parker State Forest

The status of this forest is the same as at the last meeting. A small revenue will be secured from the sale of some hay to a Mr. Welch. An additional parcel of nineteen acres of land situated near Berry Pond will be purchased in the near future for ninety-five dollars from a Mr. Rogers.

Arthur Wharton Swann State Forest /

At the last meeting of the Commission the Engineer was instructed to secure additional information from the proper authorities as to whether the Commission could pay the 1918 taxes upon the Swann property, amounting to between two and three hundred dollars. The matter was taken up with the Attorney-General's office and referred to Mr. Seagrave. Mr. Seagrave is averse to putting into writing an opinion on the question, but believes he has reasoned out a way in which these taxes may be paid. He will come before your Commission at this meeting if you desire to have him and explain a pos-

sible line of procedure that may be followed.

At a former meeting it was voted that Mr. Charles Minor, the present occupant of the farmhouse, be retained at fifty dollars per month until spring. It was understood that Mr. Minor should give a sufficient amount of his time, and use of his team, to make this pay worth while to the Commission. Since being hired, however, Mr. Minor has been unable to give any time to State work, and on account of trouble in getting help it appears that he will be unable to give but very little time to other work than his own. Such being the case, he has agreed that his compensation be set at twenty-five dollars a month and that his duties shall consist of seeing that the various buildings upon the property are looked after. If additional duties are performed, and the use of his team required, settlement can be made on a day basis.

In connection with the buildings, a careful inspection showed that several repairs are necessary which it would appear advisable to make this fall if possible. These repairs, according to Mr. Call, a local carpenter, and the attending costs of making them, are as follows:-

<u>Buildings</u>	<u>Roofs</u> <u>Shingles</u>	<u>Cost</u>
Woodshed	2½ M.	
Tool House	10 M.	
Milk House	4 M.	
Cow Barn	12 M.	
	<u>28½ M.</u>	
	28½ M. @ \$7.50	\$213.75
Nails		14.00
Labor		65.00
		<u>\$292.75</u>
<u>Other Repairs on Windows, Doors, Floors, etc.</u>		
Material		\$80.00
Labor		35.00
	Labor	\$ 95.00
Delivery of Material		\$ 30.00
Total of all Costs, \$417.75		

A fair amount of the rough material needed for repair work could be secured by having trees cut on the reservation and hauled to the mill at Hartsville.

The taking sheets, and the plan to accompany them for the Arthur Wharton Swann State Forest are before you for approval and signatures. Inasmuch as a survey of the entire property was made in 1902 and 1906 by a Mr. Curtis, civil engineer, of Great Barrington, it did not seem necessary to go to the expense of making a new survey. The boundary-lines, as shown on the plan, are copied from plans made for Mrs. Swann by Mr. Curtis. There is upon the Swann forest, as your Commission already knows, considerable mature growth both of white pine and mixed hardwoods, and also a large amount of chestnut of various sizes in a dead or dying condition. For the major portion of this growth there is at the present time a market at top prices. The prices obtainable on account of the great demand for the woods products would make the present time appear a good one for operating were it not for the very material offsetting factors that enter into such a proposition on

account of prevailing conditions. The main factor is, of course, the extreme scarcity of suitable woods labor. It is probable that a few men could be secured with which to carry on a small-sized thinning operation, but the wisdom of attempting to operate this fall and winter appears questionable.

It is very probable that the price of pine and the hardwoods will remain sufficiently high for some time after the war to make operating at a later date more advisable. In regard to the chestnut it is of course obvious that each year's delay in removal constitutes a loss! /

It was

V O T E D that the above report be accepted and be made a part of the official records.

Acting on the report of the Engineer, the Commission passed the following vote:-

V O T E D to approve the erection of a forest fire observation tower on the Myles Standish State Forest, the expense incident to its erection to be borne by the Forest Fire appropriation.

V O T E D to reimburse the State Forester's department to the amount of fifty dollars for the old Ford truck now at the Myles Standish State Forest.

V O T E D that the Engineer be instructed to make a further investigation of the possibilities of securing a tractor to be used in important work on the fire lines at the Myles Standish State Forest.

In connection with the question of obtaining a tractor, Mr. Leslie R. Smith, of the State Board of Agriculture, was invited to appear before the Commission, and imparted valuable information relative to the use of State-owned tractors, and it was

V O T E D that the Secretary be instructed to write the State Board of Agriculture for definite figures with regard to the cost of ploughing the fire-lines by the use of a tractor, and if such information is obtained, to submit it at the next meeting.

Mr. Haynes read a letter which he had received from Mr. John Makepeace, of Wareham, dated September 5th, in which Mr. Makepeace stated that he represented parties owning interests in a certain parcel of land within the limits of the Myles Standish State Forest and desired to make a settlement on behalf of the heirs, naming a price for which he would settle the claims. After some discussion the Commission

V O T E D that the Engineer be authorized to inform Mr. Makepeace that the Commission declined to settle on the basis set forth in his letter, the price being considered exorbitant, and that unless a price could be agreed upon which in the opinion of the Commissioners would be just and equitable the Commission felt that the matter would have to be settled by the courts.

At this point in the meeting Mr. A. E. Seagrave, Assistant Attorney-General, was invited to come before the Commission to offer suggestions relative to the proper manner of settling the 1918 taxes due the town of Monterey on the Swann State Forest. Mr. Seagrave stated that inasmuch as by the taking certain rights and privileges were taken from

Mrs. Swann, the Commission might very properly pay to Mrs. Swann a sum equal to the amount of the taxes on the basis of paying for damages occasioned by the taking. Mr. Shepard also suggested that the matter might be adjusted by allowing Mrs. Swann a sum equal to the taxes for the personal property contained in the reservation house. The adjustment of the matter was left in the hands of Mr. Shepard.

A letter from the Fish and Game Commission, dated July 10th, was read relative to the duties of Mr. Day, caretaker at the Myles Standish State Forest and the Commission V O T E D that the Engineer reply to the letter stating that the schedule prepared by the Fish and Game Commission would be complied with so far as possible without interference with the work required by this Board.

Chairman Shepard read a letter received from the Engineer asking for a year's leave of absence for the purpose of going overseas in the capacity of Secretary of the Y.M.C.A., in which position his efforts would be given to the prosecution of war work, and the Commission V O T E D that the Engineer be granted leave of absence for one year, with the understanding that upon his return his position with the Commission will be open to him, and at the suggestion of Mr. Whitney it was further V O T E D that if at the end of the year the Engineer's duties overseas rendered it impossible for him to return, the leave of absence will be extended.

V O T E D that the Engineer, when entering upon his duties with the Y.M.C.A., shall turn over to the State Forester such information, maps, data, etc., as may be useful in continuing the work.

The Engineer turned over to Mr. Shepard the taking as approved by the Attorney-General of the Otter River State Forest, together with the map, so that he might send them to the Governor and Council for approval. He also turned over to Mr. Shepard the taking of the Arthur Wharton Swann State Forest, together with the map, so that he might consult with the Attorney-General relative thereto.

The necessity for shingling buildings at the Arthur Wharton Swann State Forest, as reported by the Engineer, was briefly discussed, and it was decided to postpone definite action until later in the season.

Mr. Rane called to the attention of the Commission the opinion of Assistant Attorney-General Seagrave to the provision in the deed conveying the Swann property to the Commonwealth relative to the protection of birds and animals, and the Chairman said that this provision was incorporated in the deed in order to keep faith with Mrs. Swann.

The Secretary read a letter received from the Governor and Council dated August 14th, in reply to the request of the Commission to increase the salary of Mr. Haynes, the Engineer, from fifteen hundred to eighteen hundred dollars, in which the increase was allowed for seventeen hundred dollars.

The Commission passed the following vote in connection with the taking of lands for the Otter River State Forest:-

WHEREAS the undersigned, duly appointed and qualified as the State Forest Commission under and by virtue of the provisions of an act of the Legislature of the Commonwealth of Massachusetts entitled, "An Act to Authorize the State Forest Commission to Take Land and to Sell or Exchange Unsuitable Land," being Chapter 136 of the Acts of 1916, deem it desirable and expedient to take the lands and rights in land hereinafter described for the purposes and under the powers and limitations set forth in said act and in Chapter 720, Acts of 1914. NOW, THEREFORE, we, the said State Forest Commission, by virtue of the authority conferred upon us by said acts and of any and every other power and authority us hereto in any wise enabling, have taken and do hereby take in fee simple in the name of the Commonwealth of Massachusetts, and for the benefit of said Commonwealth and the inhabitants thereof, in the manner prescribed in and by said acts and for all the purposes therein provided, the lands and rights in land, and all easements, privileges, and appurtenances of every name and nature thereto belonging, save as hereinafter expressly excepted, being the several parcels of land lying in the townships of Winchendon, Royalston, and Templeton in the County of Worcester, and shown on a plan marked, "Otter River State Forest," a copy of which plan is to be recorded herewith, and a duplicate of which is on file in the official archives of said Commission, to which plan reference is hereby expressly made, and bounded and described as follows,-to wit:-

Parcel A.

Beginning at a granite monument situated on the north bank of Millers River, on the Winchendon-Royalston town line, and designated as corner #1 of Parcel A; thence by the above-mentioned town line north $16^{\circ} 04'$ east two hundred and ten (210) feet to a granite monument on the town line, said monument being situated on the east side of the highway running between South Royalston and Winchendon, and being corner #2; thence by said highway north $45^{\circ} 30'$ east fourteen hundred and forty (1440) feet to an iron pipe situated on the west side of the highway (corner #3); thence north $73^{\circ} 26'$ west six hundred and ninety-six (696) feet to a flat rock with hole in it (corner #4); thence south $18^{\circ} 10'$ west four hundred and five (405) feet partly by old fence to a granite monument (corner #5); thence north $80^{\circ} 40'$ west fourteen hundred and twenty (1420) feet to a corner in wall (corner #6); thence north $15^{\circ} 16'$ east partly by wall and fence fifteen hundred and fifty-eight (1558) feet to a granite monument situated on the south side of an abandoned railroad bed (corner #7); thence south $88^{\circ} 36'$ west five hundred and eight (508) feet to an iron pipe situated on the north side of the above-mentioned railroad bed (corner #8); thence north $20^{\circ} 32'$ east five hundred and ninety-six (596) feet to a granite monument (corner #9); thence south $74^{\circ} 43'$ east four hundred and sixty-six (466) feet to a granite monument (corner #10); thence north $17^{\circ} 50'$ east three hundred and ninety-three (393) feet to a granite monument (corner #11); thence south $71^{\circ} 27'$ east six hundred and thirty (630) feet to an iron pipe (corner #12); thence north $15^{\circ} 21'$ east three thousand and ninety-five (3095) feet partly by fence and wall to a granite monument at junction of stone walls (corner #13); thence south $69^{\circ} 47'$ east two hundred and twenty-three (223) feet to junction of walls (corner #14); thence north $14^{\circ} 52'$ east partly by wall four hundred and twenty-two (422) feet to a granite monument in

THE HISTORY OF THE UNITED STATES OF AMERICA
FROM 1789 TO 1801

The first of these was the establishment of the Federal Government in 1789. The second was the adoption of the Constitution in 1787. The third was the signing of the Declaration of Independence in 1776. The fourth was the signing of the Treaty of Paris in 1783. The fifth was the signing of the Treaty of Madsen in 1793. The sixth was the signing of the Treaty of San Lorenzo in 1795. The seventh was the signing of the Treaty of Amity and Commerce in 1794. The eighth was the signing of the Treaty of Commerce and Consular Rights in 1795. The ninth was the signing of the Treaty of Commerce and Consular Rights in 1795. The tenth was the signing of the Treaty of Commerce and Consular Rights in 1795.

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a wall (corner #15); thence by stone wall south $67^{\circ} 18'$ east one hundred and forty-seven (147) feet; north $63^{\circ} 03'$ east sixty-one (61) feet; south $74^{\circ} 56'$ east fifty-five (55) feet; north $58^{\circ} 37'$ east sixty-eight (68) feet; north $8^{\circ} 12'$ east one hundred and fifty (150) feet to a corner at wall junction (corner #16); thence north $16^{\circ} 04'$ east by wall on the Winchendon-Royalston town line five hundred and fifteen (515) feet to a granite monument situated at wall junction at south edge of the highway running between Royalston and Winchendon (corner #17); thence south $72^{\circ} 46'$ east by wall along the south side of the highway eight hundred and sixty (860) feet to a granite monument at junction of walls (corner #18); thence south $4^{\circ} 25'$ west by wall two hundred and seventy-five (275) feet to a granite monument at junction of walls (corner #19); thence south $86^{\circ} 30'$ east by wall three hundred and thirty (330) feet to a granite monument at wall junction (corner #20); thence north $4^{\circ} 41'$ east two hundred and eighty-four (284) feet to a granite monument at wall junction (corner #21); thence north $84^{\circ} 26'$ east two hundred and fifty-five (255) feet by wall to a granite monument (corner #22); thence south $4^{\circ} 58'$ west along stump fence four hundred (400) feet to a granite monument (corner #23); thence south $23^{\circ} 23'$ west two hundred and thirty (230) feet to a granite monument (corner #24); thence south $69^{\circ} 21'$ east five hundred and forty-five (545) feet to a granite monument (corner #25); thence south $19^{\circ} 36'$ west four hundred and sixty (460) feet to a granite monument (corner #26); thence south $74^{\circ} 00'$ east partly by stump fence three hundred and eighty-five (385) feet to an iron pipe on the west bank of Priest Brook (corner #27); thence by the various courses of Priest Brook in a general southerly and southeasterly direction to its junction with Miller's River; thence by the various courses of Miller's River in a general southeasterly, easterly, southwesterly, and westerly direction to corner #1, the point of beginning.

Parcel B.

Beginning at a point situated south $73^{\circ} 30'$ east and eight hundred and fifteen (815) feet from the stone monument that marks the corner of the townships of Royalston, Templeton, and Winchendon, said point being marked by a granite monument set in the wall, and denoted as corner #1 of Parcel B on the submitted plan of the Otter River State Forest; thence from corner #1 south $2^{\circ} 45'$ west fifteen hundred and eighty-three (1583) feet to a granite monument (corner #2), said corner being also a corner of property of McDade; thence north $81^{\circ} 30'$ west ten hundred and ninety (1090) feet along land of McDade partly by wall to a leaded granite monument set in junction of walls (corner #3), said corner being also a corner of the State Templeton Colony lands; thence south $5^{\circ} 00'$ west eleven hundred and forty-eight and four-tenths (1148.4) feet along the Colony lands by wall and fence to a leaded granite monument at junction of walls (corner #4); thence south $87^{\circ} 00'$ east partly by wall fourteen hundred and eighty (1480) feet to an iron pipe and stones (corner #5); thence south $2^{\circ} 26'$ west eighty (80) feet to a pipe and stones (corner #6); thence south $72^{\circ} 30'$ east fourteen hundred and eight (1408) feet to a stake and stones; thence on the same course six hundred and eleven (611) feet to a granite monument situated on the east side of a woods road (corner #7); thence south $72^{\circ} 45'$ east partly by wall twelve hundred and twenty-eight (1228) feet to a granite monument (corner #8); thence south $73^{\circ} 15'$ east six hundred and seventy-six (676) feet to a granite mon-

ument (corner #9); thence south $76^{\circ} 30'$ east eleven hundred and thirty (1130) feet to a granite monument (corner #10); thence north $10^{\circ} 00'$ east five hundred and twenty-five (525) feet to an iron pipe situated on the west bank of Otter River (corner #11); thence by the courses of Otter River in a general northeasterly direction to its point of intersection with the south right-of-way fence line of the Boston and Maine railroad (corner #12); thence by said right-of-way fence line westerly about nine hundred (900) feet to a granite monument situated at an angle in said fence line (corner #13); said corner being also on line of property of P. Dolan; thence south $19^{\circ} 30'$ west partly by wall and along land of said Dolan nine hundred and fifteen (915) feet to a granite monument (corner #14); thence north $80^{\circ} 00'$ west six hundred and seventy-two (672) feet to a granite monument at end of stone wall (corner #15); thence north $0^{\circ} 45'$ east partly by wall three hundred and ninety-six (396) feet to a granite monument (corner #16); thence north $69^{\circ} 15'$ west two hundred and eighty-five (285) feet by wall to a granite monument at junction of wall and railroad right-of-way fence (corner #17); thence by said railroad right-of-way fence in a general southwesterly direction about twenty-nine hundred and fifty (2950) feet to a granite monument (corner #18); thence south $16^{\circ} 30'$ west eight hundred and fifty-eight (858) feet to an iron pipe and stones (corner #19); thence north $74^{\circ} 30'$ west five hundred and forty-eight (548) feet to corner #1, the point of beginning of Parcel B.

Parcel C.

Beginning at a granite monument situated at the east right-of-way fence of the Boston and Maine Railroad, said monument being the southwest corner of Parcel C, and designated as Corner #1 of Parcel C on the submitted plan; thence north $58^{\circ} 20'$ east eight hundred and seventy-two (872) feet to a granite monument (corner #2); thence north $82^{\circ} 34'$ east three hundred and sixty-six (366) feet to a stake and stones; thence north $81^{\circ} 50'$ east eleven hundred and ninety-five (1195) feet to a granite monument (corner #3); thence north $30^{\circ} 20'$ west twelve hundred and ten (1210) feet to a stone bound (corner #4); thence north $30^{\circ} 00'$ west six hundred and thirty-eight (638) feet to a large stone monument on the north bank of a stream, said monument being situated on the Winchendon and Templeton town line (corner #5); thence by the town line brook in a general easterly direction three hundred and sixty (360) feet more or less to a granite monument situated on the north bank of the aforesaid brook (corner #6); thence north $15^{\circ} 30'$ east partly by fence and wall thirteen hundred and seventy-two (1372) feet to a granite monument (corner #7); thence north $66^{\circ} 45'$ west eleven hundred (1100) feet to a granite monument (corner #8); thence north $17^{\circ} 09'$ east four hundred and ninety-five (495) feet to a granite monument (corner #9); thence north $74^{\circ} 45'$ east three hundred and nineteen (319) feet to a granite monument (corner #10); thence south $81^{\circ} 59'$ east two hundred and two (202) feet to a granite monument (corner #11); thence north $9^{\circ} 45'$ east one hundred and forty-six (146) feet to a granite monument at the south side of the highway (corner #12); thence north $65^{\circ} 50'$ west three hundred and fifty-six (356) feet to a granite monument at the north side of the highway and at the end of a stone wall (corner #13); thence by wall and fence north $20^{\circ} 35'$ east thirteen hundred and eighty-two (1382) feet to a granite monument set in the wall (corner #14); thence north $71^{\circ} 30'$ west five hundred and forty-one (541) feet to a granite monument (corner #15); thence north $77^{\circ} 55'$ west two hundred and forty-six (246) feet to a granite monument (corner #16); thence north $71^{\circ} 13'$ east eight hundred and twenty-nine (829)

feet to a granite monument at the south side of the highway (corner #17); thence by line of the highway about north $42^{\circ} 30'$ west seven hundred and twenty-six and six-tenths (726.6) feet to a granite monument at junction of highways (corner #18); thence by line of the highway about south $79^{\circ} 30''$ west eight hundred and ten (810) feet to a granite monument situated a few feet south of the highway and at fence line of property of Dolan (corner #19); thence south $13^{\circ} 45'$ west partly by fence thirteen hundred and twenty (1320) feet to a granite monument (corner #20); thence south $71^{\circ} 59'$ east eighty (80) feet to a granite monument (corner #21); thence south $14^{\circ} 30'$ west four hundred and sixty-three (463) feet to a granite monument (corner #22); thence north $80^{\circ} 28'$ west eighty-one (81) feet to a granite monument (corner #23); thence south $9^{\circ} 30'$ west ten hundred and three (1003) feet to a granite monument at cemetery fence (corner #24); thence by the fence south $23^{\circ} 55'$ east one hundred and ninety-five (195) feet to a stone monument (corner #25); thence south $56^{\circ} 10'$ east by fence seventy-two and one-half (72.5) feet to a stone monument (corner #26); thence south $3^{\circ} 05'$ west sixty-one and one-half (61.5) feet to a stone monument (corner #27); thence south $70^{\circ} 30'$ west one hundred and eighty-four and one-half (184.5) feet by fence to a stone monument (corner #28); thence north $87^{\circ} 55'$ west twenty-one (21) feet to a stone monument (corner #29); thence north $70^{\circ} 45'$ west two hundred and eleven (211) feet to a stone monument (corner #30); thence north $59^{\circ} 00'$ west two hundred and four (204) feet to a granite monument at the east right-of-way fence line of the Boston and Maine railroad (corner #31); thence by the afore-said right-of-way fence line south $11^{\circ} 32''$ east four thousand eight hundred and forty-seven (4847) feet to a granite monument (corner #1)), the point of beginning.

Parcel D.

Beginning at a point north $83^{\circ} 00''$ west eighty-nine and three-tenths (89.3) feet from corner #31 of Parcel C, said point being marked with a granite monument situated at the right-of-way fence of the Boston and Maine Railroad, and designated as corner #1 of Parcel D upon the submitted plan; thence by the right-of-way fence of the Boston and Maine Railroad to a granite monument (corner #2); thence by fence north $71^{\circ} 00'$ west eleven hundred and twenty-five (1125) feet to an iron pipe on the east bank of the Otter River (corner #3); thence south $47^{\circ} 00''$ east nineteen hundred and twenty (1920) feet to a granite monument (corner #4); thence south $75^{\circ} 00'$ east one hundred and thirty-two (132) feet to a granite monument (corner #1)), the point of beginning.

Parcel E.

Beginning at a granite monument situated on the west line of the highway leading between Baldwinsville and Winchendon, said corner being designated as #1 of Parcel E on the submitted plan; thence south $70^{\circ} 00'$ west ten hundred and twenty (1020) feet to a granite monument situated on the east edge of a meadow (corner #2); thence by the meadow line in a general northerly direction about twenty-seven hundred (2700) feet to a granite monument on the Templeton and Winchendon town line (corner #3); thence by the town line seventeen hundred and twenty (1720) feet to an iron pipe situated at the west right-of-way fence of the Boston and Maine Railroad (corner #4); thence by said right-of-way fence southeasterly about fourteen hundred (1400) feet to an iron pipe (corner #5); thence westerly two hundred and seventy (270) feet to a small brook; thence by said brook southwesterly about seven hundred and fifty (750) feet to a granite monument situated on the north bank of said brook and in the east line of the

The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The second part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The third part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The fourth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The fifth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The sixth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The seventh part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The eighth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The ninth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science. The tenth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and interesting in the history of science.

above-mentioned highway (corner #6); thence by said highway about sixteen hundred (1600) feet to the point of beginning.

Parcel F.

Beginning at the southwest corner of the parcel at a granite monument set at junction of stone walls, said corner being situate near the junction of highways leading to South Royalston and New Boston, and designated upon the submitted plan as corner #1 of Parcel F; thence from corner #1 north $17^{\circ} 51'$ east six hundred and thirty (630) feet by wall to junction of walls (corner #2); thence north $82^{\circ} 59'$ east by wall two hundred and ninety-three (293) feet to a turn; thence north $70^{\circ} 27'$ east two hundred and twenty (220) feet by wall and fence to a turn; thence north $61^{\circ} 18'$ east three hundred and eighty (380) feet by fence to corner #3; thence south $74^{\circ} 00'$ east three hundred and sixty (360) feet by fence to a granite monument (corner #4); thence south $34^{\circ} 21'$ west fourteen hundred and sixty-five (1465) feet by fence to a granite monument (corner #5); thence north $56^{\circ} 48'$ west four hundred and sixty-three (463) feet, partly by wall, to a turn; thence north $45^{\circ} 36'$ west two hundred and twenty-eight (228) feet by wall to corner #1, the point of beginning.

Parcel G.

Beginning at a point at an angle in the north right-of-way fence of the Boston and Maine Railroad, said point being designated as corner #1 of Parcel G on the submitted plan; thence northerly by said right-of-way fence to Miller's River; thence by the courses of Miller's River in a general northeasterly direction to its junction with Otter River; thence southerly by the courses of Otter River to the above-mentioned right-of-way fence; thence by said right-of-way fence in a southwesterly direction to the point of beginning.

Expressly excepting, however, from the foregoing description, and from the operation of the taking hereby made, the following, to wit:-

1. The property of the Northern Mass. St. Ry. Co., whether held in fee or otherwise used and reserved for railway purposes, and also the sand-bank tract, said properties being shown on the submitted plan.

2. The existing perpetual right and easement of the Connecticut River Transmission Company, its successors and assigns, in the above-described Otter River State Forest, to construct, reconstruct, maintain, repair, operate, and patrol a single or double line of either poles or towers, or both, together with all other rights and powers of said Company as set forth, reserved, and excepted in a deed of said Company to the Commonwealth of Massachusetts dated May 19, 1915, and recorded with Worcester District Deeds, Book 2080, Page 113.

3. The property of Patrick Dolan, situated in Parcel A, consisting of a parcel of land bounded and described as follows: Beginning at the southwest corner of the parcel, said corner being an iron pipe situated on the north bank of Miller's River; thence from said corner north $16^{\circ} 39'$ east six hundred and fifty (650) feet to a corner; thence north $81^{\circ} 45'$ east one hundred and forty-five (145) feet to a corner; thence north $82^{\circ} 12'$ east sixty-six (66) feet to a corner; thence south $73^{\circ} 45'$ east sixty (60) feet to a corner; thence south $11^{\circ} 54'$ west to a corner situated at the north bank of Miller's River; thence by Miller's River westerly to the point of beginning, and containing between four and five acres of land.

4. The rights of the public, town, and county in all town and county roads that come within the exterior lines of the above-described

Otter River State Forest.

5. Any cutting, sticking, mill, riparian, or other rights that may still exist and are reserved and described in the following-mentioned deeds:-

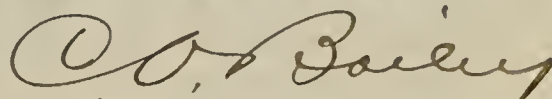
(a) Deed of Elisha Whitney to the Commonwealth of Massachusetts dated August 25, 1915, and recorded with Worcester District Deeds, Book 2085, Page 146;

(b) Deed of William Whitney to the Commonwealth of Massachusetts dated July 10, 1915, and recorded at the above-mentioned registry, Book 2082, Page 181.

(c) Deeds of Millard W. White to the Commonwealth of Massachusetts dated April 1, 1915, and recorded with said registry, Book 2075, Page 306.

Intending to take, and hereby taking, in fee simple each and every tract, estate, or parcel or part thereof included within the foregoing descriptions, save as hereinabove expressly excepted, or however otherwise bounded and described, and be said measurements, or any of them, more or less. All names of owners herein given, although supposed to be correct, are stated only as matters of information and belief.

Adjourned at 12 o'clock noon.



S e c r e t a r y.

Records of the forty-second (42d) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, October 1st, at 10:30 A.M.

Present Messrs. Shepard and Rane.

The records of the previous meeting were read and approved.

The Chairman reported that he had not been able to see Mr. Shurtleff, landscape architect, as instructed to do by the Commission at a previous meeting, but would endeavor to do so before the next meeting.

The Chairman reported that he had consulted with Mr. Seagrave relative to the taking of the Arthur Wharton Swann State Forest, and they had concluded it would be desirable to consult with Attorney-General Atwill, not then possible, as Mr. Atwill was away on account of illness.

The Chairman also reported that he had sent the Otter River State Forest taking to the Governor and Council, as directed by the Commission, and that the taking had been approved.

The Chairman read a letter received from Mrs. Arthur W. Swann, dated September 18th, and the matter was left open pending an adjustment of the taking of the property.

The Engineer read his report dated October 1st, as follows:-

"The status of the five forests remains the same as at the last meeting of your Commission, held on September 6th, and there is practically nothing of importance to report upon at this time pertaining to any of the reservations. Definite figures in connection with the costs of using a tractor on the Myles Standish State Forest cannot be submitted at this time for the reason that a care-

THE FIRST PART OF THE HISTORY OF THE
LIFE OF THE LATE KING OF GREAT
BRITAIN, CHARLES THE SECOND, BY
JOHN BURNET, BISHOP OF SALISBURY.
IN TWO VOLUMES. THE SECOND VOLUME.
LONDON, Printed by J. Streater, at the
Sign of the Gun, in St. Dunstons Church
Lane, 1689.

THE SECOND PART OF THE HISTORY OF THE
LIFE OF THE LATE KING OF GREAT
BRITAIN, CHARLES THE SECOND, BY
JOHN BURNET, BISHOP OF SALISBURY.
IN TWO VOLUMES. THE SECOND VOLUME.
LONDON, Printed by J. Streater, at the
Sign of the Gun, in St. Dunstons Church
Lane, 1689.

ful inspection of the areas upon which it may be used was not made by the Department of Agriculture representative until September 28th, and his findings have as yet not reached this office.

From September 17th to 21st, inclusive, a trip was made through the southern and central portions of the western end of the State by Mr. Shepard and the Engineer in connection with the looking up of possible areas suitable for reservation purposes. Such information as was secured during the trip will probably be submitted by Mr. Shepard.

Presumably one matter upon which your Commission may decide to act at this meeting concerns the question as to whether or not the funds now available in the Treasury for the uses of the Commission should be mainly or entirely expended this year. The amounts on hand on October 1, 1918, consist of \$27,168.95 on the land purchase fund and \$197.68 on the Commission's travel fund. If your Commission considers it best to use the major portion of the funds this year in the acquisition of one or more new reservations it would appear advisable to set aside a sufficient amount of money to properly carry out as far as possible certain work and land acquisition in connection with the five forests already established as follows.

Otter River State Forest

The taking of this tract as stated in the September report involves the acquisition of four parcels of land that have not been purchased, and may require the expenditure of amounts as follows:-

1. Boston and Maine abandoned railroad right-of-way - 20 acres - \$100.
2. Miner property - 4 or 5 acres - \$35 or \$40.
3. Carrie E. Fernald - 50 acres - \$50.

Allowance should be made for possible acquisition of from ten to thirty acres on the southern end of the forest and for reimbursing an owner, if found, for the twenty-three acres taken adjoining the State Colony lands. Altogether, this sum of \$500 could safely be set aside for this reserve.

Savoy Mountain State Forest

Providing a former vote of your Commission is carried out there will be about four hundred acres added to this reserve at some later date, when the signatures of several heirs to a one-hundred-acre parcel can be secured. If, however, your Commission desires to rescind its former vote, the question of buying more land in Savoy can be given up entirely at this meeting. The purchase of the four-hundred acres would involve about \$2000.

Myles Standish State Forest

The taking of this tract was signed on August 15, 1917. Under the law any owner of property within the exterior lines of the tract have two years in which to file claims for damages. Such being the case there are three parties who may before August 14, 1919, put in claims as follows:-

J. J. Russell, of Plymouth, owner of a three-fourths interest in five shares of the Sixth Great Lot.

Frank Barrows, of New York, owner of a one-half interest in one share of the Sixth Great Lot.

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Heirs of Horace M. Sproat, a possible one-half undivided interest in eight hundred and ninety-nine acres in the Sixth Great Lot. Mr. John Makepeace will probably act as administrator for the heirs in connection with this land.

There may be, and in fact probably are, other interests in the Myles Standish State Forest, but the above-mentioned three are the only ones known, and it is probable that no others will come forward with claims. Of these three the Sproat heirs are at the present time the only ones who seem desirous of receiving a settlement on their holdings. It is possible, of course, that all three may present claims before next August. What price a court would set on the three claims cannot, of course, be determined, but it seems reasonable to assume the lowest figure would be \$1050.

Harold Parker State Forest

This forest is the only one of the five which at the present time can be said to be in an undesirable condition as far as a speedy completion of boundary-lines is concerned. If it is completed now, without additional land acquisitions, the boundary lines will be irregular, and entirely detached parcels, being disconnected with the main block, will be the result. If the land needed for making desirable boundary-lines is acquired by making a taking, the sum of \$3000 should be set aside for possible damage claims. It would be best in any case to allow at least \$2000 for acquiring additional land for this forest.

It would appear that if the sum of nineteen or twenty thousand dollars were expended on purchase of land for new reservations this year the amount remaining would suffice for additional purchases in connection with reservations already established, and would also permit of keeping the caretaker and two men on the Myles Standish State Forest for one more year. It is obvious that if the sum of \$20,000 is to be expended before November 30th, the close of the fiscal year, it will be necessary to set about the securing of options on land very soon. It appears, also, that the purchase of land in any material amount for a small price must be confined to the western end of the State and the Cape section. It is not unlikely that more land than the Commission has funds to purchase with can be secured in the tier of towns beginning with Washington, Middlefield, and Becket, and extending south to the Connecticut line. Providing your Commission desires to establish a reservation in this section it would seem best (if Mr. M. C. Hutchins, the State Fire Warden, is willing) to have Mr. Albert R. Ordway look up the land and owners and secure options. Mr. Ordway is familiar with this section of the State and his knowledge should be of material value."

It was

V O T E D that the above report be accepted and be made a part of the official records.

The Chairman reported that the Civil Service Commission, while covering the State on business last week, visited the Myles Standish State Forest and spent a night at the bungalow.

The question of purchasing more land was then taken up, Mr. Shepard stating that in company with the Engineer he had examined lands in

Otis and East Otis and was of the opinion that from two to three thousand acres might be purchased at a price within the limit prescribed by law; and on his suggestion it was

V O T E D that Mr. Albert R. Ordway be requested to investigate the matter of acquiring lands in this section and report to the Commission at as early a date as possible.

It was also

V O T E D that Mr. Haynes be instructed to look into and determine the possibility of obtaining additional land at both the Harold Parker and the Myles Standish forests and report to the Chairman at an early date.

V O T E D that a visit to the Harold Parker State Forest be made by the Commission on Friday, October 4th.

Adjourned at 11:30 o'clock A.M.



S e c r e t a r y.

Records of the forty-third (43d) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, November 5th, at 10 o'clock A.M.

Present, Messrs Shepard and Rane.

The records of the meeting were read and approved.

The Chairman reported that he had been unsuccessful in his attempt to see Mr. A. A. Shurtleff, landscape architect, but hoped to arrange a meeting in the near future, and it was

V O T E D that the matter be laid over until the new year.

The Chairman also reported that he had interviewed the Attorney General with regard to the taking of the Arthur Wharton Swann State Forest, and that he desired to make a further study of the question, and had expressed the opinion that legislation may be necessary before the matter can be properly adjusted. The same condition exists with regard to the payment of taxes on the above-named property.

The Secretary read the report of the Engineer, dated October 28th, submitted just prior to his departure for foreign service, as follows:-

"In leaving your Commission's work for the probable period of one year it appears unnecessary to submit other than a brief report pertaining to one or two unfinished matters. In compliance with a vote of your Commission all maps, data, and information necessary for the proper continuance of the work has been turned over to the forestry department through Mr. Cook. It is believed that the ~~re-forestation~~ work in general is being left in a condition sufficiently complete so that little or no trouble should be involved in its further prosecu-

tion. This applies to all of the reservations with the exception of the Harold Parker State Forest, which, owing to the nature of the various parcels composing it, is left in a rather unfinished shape.

Myles Standish State Forest

In connection with the Myles Standish forest a letter is before you from Mr. William C. Adams, of the Fish and Game Commission, who does not feel it should halve certain expenses in connection with the running of this reservation. Without presuming to decide this matter for your Commission I would suggest that if you decide to halve the expenses referred to it would seem only fair that the Fish and Game Commission halve expenses; also that the Forest Commission was involved in repairing and improving the cottage and barn. These expenses total for partial labor and material as follows:-

John E. Dunham (painting & papering)	\$93.06	
Edwin K. Green (materials)	58.10	
New England Paint & Varnish Co.	34.67	
J. C. Trefethern & Co. (pipe)	3.75	
A. M. Shaw (lumber)	1.00	
		<u>\$190.58</u>

These improvements have been made for the good of the property in general, but also in order that the caretaker shall have a satisfactory home to live in, which is to the mutual advantage of both commissions.

Savoy State Forest

The Fuller lot of one hundred acres has finally been secured, so that there appears to be no reason now why additional connecting lots cannot be purchased with which to bring the reservation's south line down to the Savoy Hollow Road.

There has been received and turned over to the bookkeeper the following amount of money:-

<u>Savoy Mountain State Forest</u>		
Sale of hay,	\$80.00	
Sale of old barn,	<u>17.00</u>	\$97.00
<u>Harold Parker State Forest</u>		
Sale of hay,	\$ 4.00	4.00
<u>Myles Standish State Forest</u>		
Reimbursement for provisions left over at the camp,		<u>19.48</u>
		<u>\$120.48</u>

It was

V O T E D that the above report be accepted and be made a part of the official records.

The Secretary read a report of Mr. Harold O. Cook, of the State Forester's department, dated October 23, 1918, as follows:-

"While looking up some lots for reforestation purposes in the vicinity of Dennis I was struck with the possibility of obtaining a state forest in the north-central part of the town. There is a section about two miles square lying on each side of the state road running from South Dennis to North Dennis of the usual Cape type,-

The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order. The second part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order. The third part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order.

The fourth part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order. The fifth part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order.

The sixth part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order. The seventh part of the paper is devoted to the study of the properties of the solutions of the differential equations of the second order. It is shown that the solutions of the differential equations of the second order are of great importance in the theory of the differential equations of the second order.

scrub oak, and pitch pine. Although fire has run over this land the boundaries of the various lots appear to be still pretty well defined. A Mr. Joshua Crowell, of Dennis, an old time surveyor, knows all this country and says that a thousand or more acres can be purchased at an average cost of two or three dollars per acre. Some land can be obtained for nothing, as all trace of ownership in it has disappeared, so that the average cost of the whole will be lowered thereby.

There are certain considerations which make it advisable to get a state forest in this vicinity at the present time:-

- (a) The State has no reservation on Cape Cod.
- (b) The general average of land values is constantly rising in this section. The Commission has already attempted to obtain lands in Falmouth and Mashpee, but could not purchase them at less than five dollars per acre. In my opinion this is the only section on the Cape suitable for a forest reservation which can be obtained at a reasonable price.
- (c) Mr. Crowell, the gentleman mentioned above, knows the territory very thoroughly,--the lots, their bounds, and their owners. When he dies this information will be lost forever. As he is now seventy-five years old it is a good plan to make use of his knowledge while it is available.
- (d) The land is very accessible, as a state road passes through the middle of it.

If it is decided to purchase this land out of the present appropriation, quick action will, of course, be necessary!"

A second report of Mr. Harold O. Cook, dated November 4th, was also read, as follows:-

"The principal part of my report for this month has already been made,--namely, the proposal to look up land in Dennis as a possible state forest. It will be unnecessary for me to repeat this report.

On the authorization of Messrs. Shepard and Rane I have engaged Mr. Lincoln Crowell, of Dennis, to look up the lots and the owners. He reports that to date he has located and marked one hundred acres. He has seen the owners of this land, and they will sell. He has located about one hundred acres of which he has not seen the owners. He has talked with the owners of another one hundred acres which he has not located, but which can be purchased. Mr. Crowell reports that there will be no difficulty in securing a thousand acres. Titles are for the most part good, except where lots have been in one family for many generations and no deeds have been passed.

Savoy Mountain State Forest

We have received a deed from the Fuller estate for one hundred acres of land in Savoy. Title has been examined by Mr. Safford, and approved, with the exception of two attachments which Mr. Morton, the administrator of the estate, says will be discharged. We have, an offer of sale of sixty acres more in Savoy from A. T. McCullough. This is part of the block which the Commission voted to secure to carry the forest to the Savoy-Adams road. This land borders the road, and McCullough wants five dollars per acre for it.

Harold Parker State Forest

The block of three hundred acres which Mr. Haynes surveyed as a desirable addition to this forest, and which Mr. Morris is looking

up, is yielding results. We have found the owners of approximately one-half the area. There are ten lots in the half. Three already belong to the Commonwealth, and are Batchelder lots. The remaining seven lots have six owners. Mr. Morris has seen two of these - Miss Gay, who will sell, and Mrs. Pearson, who will not. Two of the remaining four owners live in Andover, and can be seen. The other two live out of the State. According to testimony, most of the remaining land in this block belonged to Batchelder, but, so far, we cannot match it up with his deeds

I have been out to Westfield to see Mr. Ordway in regard to his progress on the proposed Otis reservation. As Mr. Ordway expects to be present at the meeting he can make his own report.

The following matters require action by the Commission:-
 To authorize payment to the Fuller estate for lot in Savoy (\$400).
 To authorize purchase of sixty acres of the McCullough land in Savoy at five dollars.
 To authorize formally the continuance of the investigation at Dennis and the getting of options on the land.
 To authorize Mr. Ordway to look for options of land in the south-east section of Otis and Blandford, as well as in the Church Hill section, in case he finds the owners in the latter section unwilling or reluctant to sell!"

In taking action on the suggestions contained in the above reports the Commission deemed it advisable to make an examination of lands in the town of Dennis and

V O T E D to make a trip to Dennis for that purpose on Friday, November 15th.

And they also

V O T E D to pay four hundred dollars for the Fuller property in Savoy.

The question of purchasing the McCullough property there was deferred to a later meeting.

Mr. Albert R. Ordway, who by direction of the Commission, has been making an investigation of lands in the towns of Otis and Blandford, rendered an oral report, and after some discussion the Commission

V O T E D that Mr. Ordway be authorized to continue his investigation of these lands for the purpose of determining whether or not not less than five thousand acres can be purchased at an average price not exceeding four dollars per acre before November 15th; and that he be further instructed, when negotiating for these lands, to grant, if necessary, only limited cutting rights to extend over a period of not more than two years.

At this point of the meeting Mr. Shepard read letters which he had received from Mr. Haynes, dated October 16th, with regard to taxes on the Swann property; from Mr. Whitney, dated October 31st, relative to the taking of the Fernald property at the Otter River State Forest; and from Mr. William H. Miner, dated October 25th, with regard to taking five acres of his land for the Otter River State Forest.

The Chairman also referred to a visit recently made by him to the town of Belchertown to look at a glen which in the opinion of many people in that section should be purchased by the Commonwealth because of its scenic beauty, and reported that he had informed these people that the Commission has no authority to purchase any prop-

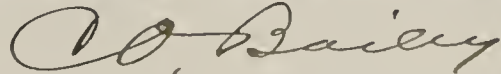
erty because of its scenic beauty,, but if a large area suitable for forests could be obtained it would not be any objection that the Glen was included, and on the recommendation of the Chairman it was

V O T E D that no further action be taken on the matter at this time.

V O T E D that the Secretary write Mr. Whitney notifying him of the proposed visit to Dennis, and to Mr. Ordway instructing him to visit the Arthur Wharton Swann State Forest to put the buildings in proper condition for winter, and to also notify Mr. Minor, formerly caretaker of the forest, of Mr. Ordway's contemplated visit.

The Secretary was instructed to acknowledge the letter of Mr. William H. Miner, of Baldwinville.

Adjourned at 12:30 o'clock P.M.



S e c r e t a r y .

Records of the forty-fourth meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., on Monday, December 2d, at 3:30 P.M.

Present Messrs. Shepard, Whitney, and Rane.

The records of the previous meeting were read, and action was postponed pending certain corrections by the Chairman.

The Secretary read the report of the Engineer, Mr. Harold O. Cook, dated December 2d, as follows:-

"Proposed Otis Forest. The last report of Mr. Ordway indicates that the land south of Church Hill, which is the area that he was investigating, cannot be bought for \$5.00 or less. The Church Hill land, 800 acres, belonging to Mrs. Whiting, can be bought for \$5.00, also another lot close by of 500 acres. Prospects of obtaining land to the north of Church Hill,-i. e., between the electric railroad and the state road in Becket are good. Because this land is more accessible it has been more severely cut over, and does not contain the valuable young growth of the land to the south. Fifteen hundred acres of this land belongs to a Miss Rambo, of New York, who is now dead, and her estate is in the hands of New York lawyers. Mr. Shannon, proprietor of Bonny Rigg, was acquainted with Miss Rambo and is looking up her executors. Mr. Shannon would like very much to see a state forest near his hotel, and will get in touch with other owners in the vicinity. He has one hundred acres he will sell for \$400.

Proposed Dennis Forest. On account of the very small area of the lots in this section they average less than ten acres, the task of locating them and getting options from the owner is slow. The town of Dennis has assessed all this land at a flat rate of \$5.00 per acre, so that this valuation induces the owners to demand \$5.00 for their land. I think, however, if we hold out for a lower price that most of them will sell, for many of them really want to get rid of the land. So far we hold options on fifteen lots, aggregating one hundred and forty acres at an average price of \$2.50. We have lined out and located about four hundred acres.

Savoy Forest. Since the last meeting I have sent Mr. Morris to Savoy to see what additions can be made to the state forest. As a result, I have signed deeds for a Briggs' lot, one hundred acres

at \$400, and McCulloch land, fifty acres at \$250. Title to these lands has been examined by Mr. Safford and approved, with the exception of a mortgage on Briggs' lot which has since been released. In addition, have agreements to sell for \$4.00 per acre two additional lots of fifteen and twenty-five acres respectively. All these lots adjoin land which we already own.

Harold Parker State Forest. The investigation of the area (250 acres) which it was voted to add to this forest has been carried as far as it is possible to go. The owners of the land have been located, and the fact has been established that nearly one hundred acres belong to the Commonwealth. Of the remaining lots, five owners of some one hundred or more acres have been interviewed and will not sell. To the remaining forty or more acres there are three owners. One lot has no owner, and the other three are so hazy as to boundary and location that I think the Commission cannot make a mistake by making a taking of them. The accompanying plan shows these lots. In this connection I will say that the location of lots in this whole forest should be cleared up as far as possible. Of the nearly twenty lots acquired from the Batchelder estate the actual location of only half is really known or was known previous to this investigation. There is an area of two hundred acres in the east part of the forest owned in part by the Commonwealth, but in which the actual location of our holdings is unknown.

Arthur Wharton State Forest. Mr. Ordway has been to this reservation, and in company with Mr. Minor has shut off the water. Shutters were not put on the house, as it seemed desirable to let the sun shine in as long as possible.

Myles Standish State Forest. Mr. Day reports that the bungalow was broken into and several mattresses, pillows, and blankets carried off. He has a clew which points to a man who has been working on one of Makepeace's cranberry bogs. This man has gone to New Bedford and Mr. Day has been there to report the matter to the chief of police and district attorney.

Matters to be Decided

- (a) What shall be done in regard to proposed Otis Forest?
- (b) Shall work at Dennis be continued?
- (c) Shall the Commission accept deeds from William Briggs and Almiron McCulloch for land at Savoy?
- (d) Shall a further investigation be made at the Harold Parker Forest to locate the lots owned by the Commonwealth in that section now included in the bounds of the forest.
- (e) Shall we make a survey and taking deed of additional area at Harold Parker Forest to cover land which the Commonwealth already owns and other areas which it seems safe to include?"

It was

V O T E D that the above report be accepted and be made a part of the official records.

The question of purchasing land in the towns of Otis and Dennis was discussed, and the Commission decided that other than the purchase of parcels for the enlargement of existing forests no further land should be acquired until the General Court has made provisions for planting.

The Commission

V O T E D to approve the purchase of the Fuller and McCulloch lots at the Savoy Forest, the Fuller lots being one hundred acres, price four hundred dollars; the McCulloch lots, of fifty acres, price two hundred and fifty dollars.

It was

V O T E D that Mr. Cook be instructed to continue his investigation at the Harold Parker State Forest to determine whether or not additional lands may be purchased there.

The Chairman reported that Mr. John Makepeace had consulted him with regard to an alleged half interest in land owned by certain parties whom he represented, and stated that they desired the Commission to pay at the rate of two dollars per acre for the land, and it was V O T E D that the Secretary write and inform Mr. Makepeace that the Commission considers the price too high.

The Chairman then called to the attention of the Commission several minor changes in the annual report of the Commission as prepared by himself, which were approved, and the report was then adopted.

Adjourned at 4:30 P.M.


S e c r e t a r y.

Records of the forty-fifth (45th) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., January 7th, at 10:30 o'clock P.M.

Present Messrs. Shepard and Whitney.

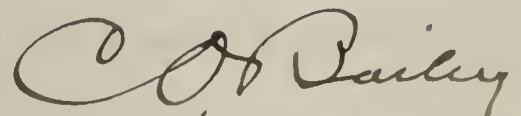
Before taking up the regular order of business a conference was held with Mr. John C. Makepeace, of Wareham, who had been invited to come before the Commission to discuss the taking of land formerly owned by the Sproat heirs. No definite conclusion was reached, and Mr. Makepeace was informed that the Commission would take the matter under advisement and consult with him later.

The records of the previous meeting were read and approved.

Because of the absence from the meeting of Engineer Cook, no report was made of the work done or being done on the several state forests during the past month.

The matter of changing the time of the regular meeting of the Commission was discussed, but no action taken.

Adjourned at 11:30 o'clock A.M.


S e c r e t a r y.

Records of the forty-sixth (46th) meeting of the State Forest Commission held at the office of the State Forester, Room 410, State House, Boston, Mass., February 4, 1919, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Engineer submitted his report, dated February 4th, as follows:-

" Harold Parker State Forest

We have surveyed out an area of two hundred acres for taking at this forest. Of this area the investigation of our deeds shows that we already own one hundred and thirty acres. A woman who owns twenty acres of the remaining seventy has promised to sell at five dollars per acre, but has not as yet come across with a deed. The owners of the remaining fifty acres have been interviewed, and do not care to sell. As a matter of fact most of them have never seen the land which they own, and do not even know where it is. The most that we have been able to do is to locate the position of most of the lots, but we can do nothing in regard to the boundaries. Their reluctance to sell is due to their ignorance, for they imagine that there is something of value on the land and that we are getting away with something valuable. Mr. Haynes originally surveyed out a much larger area for taking, but I have eliminated from his tract several lots which I thought it not wise to take on account of the attitude of the owners. I have a deed from Miss Alice Gray for twenty acres of land in the area just described at five dollars per acre, and with no restrictions as to removal of wood.

Savoy Mountain State Forest

I have a deed from John King, of Adams, for twenty-five acres of additional land at Savoy at four dollars per acre. Title has been approved. Land adjoins our present holdings and is part of the area which the Commission voted to add to this forest. I also have a deed for eight acres at five dollars per acre from Percy Maynard for land situated in the same area.

Myles Standish State Forest

At the request of Mr. Shepard I have looked up the history of the transactions and transfers which have been made on the nine hundred acre lot, in which the clients of Mr. Makepeace claim an undivided half interest. I will not go into the whole history in this report, as I have the whole history in a supplemental report, but will simply state that the claim of the Sproat heirs is well authenticated, and legal in every sense, to an undivided half interest in nine hundred acres of the Sixth Great Lot. The men have continued working on the clearing out of wood roads. They are now working on the main road east of East Head Pond, and when this is completed they will have cleared up the work outlined by Mr. Haynes before he left."

It was

V O T E D that the above report be accepted and be made a part of the official records.

The various items of business presented in the Engineer's report were taken up in order.

Mr. Cook presented a plan of two hundred acres at the Harold Parker State Forest, of which the Commonwealth owns one hundred and thirty, and recommended that the Commission make a taking of this area.

The Commission

V O T E D to defer this taking until such time as a suitable plan can be made for the entire forest.

It was

V O T E D to accept the deed of Miss Alice Gray for twenty acres of land at the Harold Parker State Forest for five dollars per acre.

V O T E D to accept the deeds of Percy and Cornelia Maynard for eight acres of land at forty dollars, to be added to the Savoy Mountain State Forest.

V O T E D to accept the deed of John King for twenty-five acres of land at Savoy at one hundred dollars, also to be added to the Savoy Mountain State Forest.

V O T E D to pay Mr. John C. Makepeace four hundred and fifty dollars as administrator of the Sproat estate for their undivided half interest in nine hundred acres of the Sixth Great Lot now included in the Myles Standish State Forest.

The Chairman reported that he had consulted the Attorney-General, who said that it was a proper thing for the Commonwealth to purchase the personal property of Mrs. Swann at the Arthur Wharton Swann State Forest, and with his concurrence the Chairman went to Mr. Pedrick, Sergeant-at-Arms. Mr. Pedrick thought that the State House Commission would make the purchase, and promised to take the matter up with his associates. The Chairman has sent to Mrs. Swann an inventory of articles at the reservation so that she may check off those articles which she may wish to retain. If this purchase is made Mrs. Swann will be repaid the tax for the year 1918.

Adjourned at 11:30 o'clock A.M.



S e c r e t a r y.

Records of the forty-seventh (47th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., March 11, 1919, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Chairman made an oral report of a conference with Sergeant-at-Arms Pedrick with respect to furniture at the Arthur Wharton Swann State Forest.

The Engineer reported that a satisfactory settlement had been agreed upon with Mr. Makepeace, representing the Sproat heirs, which will be consummated as soon as Mr. Makepeace gets proper authorization from the court.

The Engineer submitted his report, dated March 11th, setting forth tentative plans with regard to planting on the state forests the coming season, as requested by the Chairman. The report read as follows:-

"At the request of Mr. Shepard I have prepared a planting report for the state forests, this work to be done this spring. I have first prepared a budget of the amount of money which I deem wise to be spent in this work, dividing this sum among the state forests as it has appeared to me to be the best plan. Having then, as one might say, sorted the money, I have selected on each forest the area which I estimate this sum of money will plant.

-Budget-

Your balance at this time is about \$22,000. Of this amount we can conveniently use about \$10,000 in reforestation work. I say "conveniently," because while I realize that there is opportunity as far as the state forests are concerned to use a larger sum than this, -in fact, the whole \$22,000, -there are several reasons why a larger appropriation is not recommended. In the first place, \$10,000 will plant twelve hundred acres, and this area will take all the trees that our nurseries can supply after other needs have been met. In the second place, the Commission will recognize that in addition to the twelve hundred acres of state forest planting I have six hundred acres of reforestation lands to plant, so that I feel that the work which I have laid out for this spring is all that I can intelligently direct. It is practically double the amount that we have ever attempted before. In addition, we have built up considerable business in the sale of nursery stock, which requires considerable time on the part of myself and my assistant to look after.

I have divided this \$10,000 as follows:-

Myles Standish	\$5,000	750 acres	
Otter River	\$2,000	250 "	
Savoy	\$2,000	300 "	
Harold Parker	\$1,000	100 "	
	<u>\$10,000</u>	<u>1300</u>	"
Camp material and sundries,	\$ 500		
	<u>\$10,500</u>		

The areas to be planted have been outlined on the maps of the forests.

The Commission will note that I have made no plan for planting work on the Swann forest. It is my opinion that the most pressing need on this forest is the removal of some of the timber,

especially the dying chestnut, and that any appropriation for this forest should be devoted to this purpose. I plan to submit a report on this matter at a later meeting.

If the Commission plans to carry on this reforestation work this spring it is essential that the appropriation be made at this meeting in order that we may be prepared to start work on the first of April, weather permitting!"

It was

V O T E D that the above report be accepted and be made a part of the official records.

After some discussion, during which Mr. Whitney expressed the opinion that more fire-protection should be given at the Myles Standish State Forest before planting was undertaken, it was V O T E D, on a motion of the Chairman submitted in writing, that the Commission approves the plan of reforestation presented by its Acting-Engineer and instructs the State Forester to put it into execution so far as upon examination he may find it practicable, and it also instructs him to make report to this Commission at its meetings of the progress and cost of the work.

Adjourned at 11:30 o'clock A.M.

E. O. Bailey
S e c r e t a r y.

Records of the forty-eighth (48th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., April 8, 1919, at 10:30 o'clock.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Chairman made a brief statement of his interview with the Sergeant-at-Arms relative to the purchase of the furniture at the Arthur Wharton Swann State Forest.

The Engineer submitted his report, dated April 7th, as follows:-

"The cold spell during the first part of last week rather interfered with plans for starting the planting work. We had men stationed at the Myles Standish, Harold Parker, and Otter River forests ready to commence work, but the ground in the nurseries froze solid so that it was impossible to dig any trees. The men at the Myles Standish State Forest were put to work clearing scrub oak near the buildings until Friday, when they commenced planting. At the Otter River State Forest they burned slash on cut-over land and at the Harold Parker State Forest I set them to work clearing out some important wood roads. At the present time there are ten men at Myles Standish, nine at Otter River, and two at the Harold Parker forests. As stated

above, planting commenced at the Myles Standish forest last Friday; we will commence at the Otter River forest today; and at the Harold Parker forest on Thursday. Although actual planting work did not commence last Monday we have decided that March 31st will be called the start of the planting work. I have from Miss Hubbard a financial statement showing that there has been expended to date in labor \$400, and in supplies \$400.

Our efforts in securing returned soldiers have not been altogether successful so far. I arranged with the employment office on the Common to send me ten men last Thursday. Only five men appeared at the train, and three of these turned around and left when they struck the Myles Standish forest. I take down another group of men today, and will hope for better luck with this crowd. It is only fair to say that at Winchendon five of the crew are ex-soldiers, and are well satisfied with their jobs.

The department has engaged a new man, Captain Woods, of the Tenth Forest Engineers, to look after forestry interests in the western part of the State. We have given Capt. Woods permission to live in the farmhouse at the Arthur Wharton Swann State Forest, at least during that part of the year when the place is accessible. This, we think, will not only be a help to Capt. Woods, but, from our standpoint, will provide a caretaker for the forest without any expense to the Commission. The fact that we have a man on the property may cause me to alter my plans in regard to the Arthur Wharton Swann forest and decide me to do some planting there."

It was

V O T E D that the above report be accepted and be made a part of the official records.

Some general discussion followed with regard to the advisability of doing work on the Arthur Wharton Swann State Forest, both Mr. Rane and the Engineer suggesting the wisdom of planting some of the open pastures the present season. No action was taken.

The Engineer, reporting for the State Forester, stated that if labor conditions do not change from those he has already encountered he is confident that the work of planting can be done at an expense not exceeding ten per cent of his original estimate, taking into consideration, also, the employment, so far as possible, of returned soldiers.

The Secretary was instructed to file with the Civil Service Commission the names of men employed as laborers during the planting season, together with the information that such employees are only temporary.

Adjourned at 11:45 o'clock A.M.

C. O. Bailey
S e c r e t a r y.

Records of the forty-ninth (49th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., May 13, 1919, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Chairman reported that he had received a communication from Mrs. R. S. Swann, dated , stating that she had received her check for the furniture at the Arthur Wharton Swann State Forest, and that the transaction was now finished.

The Engineer submitted his report, dated May 13th, as follows:-

"Some rapid progress has been made in the planting-work since the last meeting. At Myles Standish State Forest, for the past two weeks, more than thirty-five men have been at work, and there have been set to date approximately 210,000 Scotch, 110,000 white, and 10,000 red pine, a total of 330,000.

At the Otter River State Forest 84,000 trees have been planted at last reports, and nine men are working. At the Harold Parker State Forest only four men are at work, and 24,000 trees have been planted. We started work at Savoy only the past week with ten men, and to date they have set 10,000 trees.

The financial statement prepared by Miss Hubbard only carries us up to May 4th, and is therefore a week behind the planting report. It is not possible to make a later report at this time, because the next time-sheets do not come in until next Saturday.

The Brookline Friendly Society, a charitable organization, has asked us to permit it to use a site on one of our state forests for a camp for about thirty boys. Mr. Cousens, the president, and Mr. Briggs, the treasurer, have been with me to the Otter River State Forest, and have picked out two possible locations as a camp site. They would like to receive permission from the Commission to use one or the other of these sites, and would like this permission to extend over a period of five years, as they would wish to put in some improvements of a permanent nature, such as a well, cook-house, and one or two other structures.

Mr. Miner, of Baldwinsville, who owns six acres of land included in the taking of the Otter River State Forest, wishes to settle his claim for forty dollars plus the right to remove the standing wood for three years. I should recommend the payment of the money, but not the privilege of removing the wood, as he has already cut all that is of any value"

It was

V O T E D that the above report be accepted and be made a part of the official records.

Some discussion followed relative to the cost of planting. No action was taken.

The Chairman then read a communication, dated May 12th, which he had received from Mr. Day, caretaker at the Myles Standish State

Forest, relative to the need of certain equipment there, and after some discussion it was

V O T E D to allot from the Commission's appropriation the sum of two hundred dollars to be used in repairing the water system, making the necessary repairs on the garage, and the purchase of necessary tools, the same to be purchased with the approval and under the direction of the State Forester.

Several applications for camp sites on the different forests were read and the following actions taken:-

On request of the Brookline Friendly Society, dated May 9, 1919, for permission to use state land at Winchendon for the purpose of conducting a summer camp for boys, it was

V O T E D to grant a location to the Brookline Friendly Society at an annual rental of ten dollars per year on the Otter River State Forest At Winchendon, the question of location, the character of buildings to be erected, and other regulations, to be determined by the State Forester.

On the request of Dr. Harry Morgan Stetson, of East Weymouth, for permission to camp on the Myles Standish State Forest, it was

V O T E D to grant him a permit, a fee of one dollar a week being charged for same, the State Forester to determine the conditions and regulations, as in other cases.

Favorable action was also taken on the verbal request of the Appalachian Mountain Club, through Mr. Harvey N. Shepard, for a camp site, the annual fee to be ten dollars, and the State Forester was given authority to determine the conditions and regulations.

With regard to the piece of land formerly belonging to Mr. W. H. Miner, of Baldwinsville, Mass., and included in the taking of the Otter River State Forest, and for which he wishes the Commission to pay him forty dollars, it was

V O T E D that the Secretary obtain an opinion from the Attorney-General with regard to the legal right of the Commission, in the settlement of such claims, to pay a price exceeding five dollars per acre.

It was

V O T E D to allot to the State Forester one thousand dollars to be used for transferring nursery stock from the nurseries to the several state forests.

V O T E D that the Secretary be instructed to make the necessary arrangements for placing bronze tablets at the Arthur Wharton Swann, the Harold Parker, and the Savoy state forests.

Adjourned at 12:30 o'clock P.M.

E. O. Bailey
S e c r e t a r y.

Records of the fiftieth (50th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., June 5, 1919, at 10:30 A.M.

Present, Messrs. Shepard and Whitney.

The records of the previous meeting were read and approved.

The Engineer submitted his report, dated June 4th, as follows:-

"I thought that for the report this meeting I would submit a somewhat detailed statement of the planting operations on the Myles Standish State Forest. I have the financial data up to last Saturday, and although the local crew has about three days' planting this week, we can fairly say that the work was completed last Saturday. There are a few small bills that have not yet come in, and in order to cover these I have added sixty five dollars to Miss Hubbard's total to make an even thirty-nine hundred dollars.

I have divided this total into four divisions, which are as follows:-

Planting labor	\$2065.	
Board and Lodging	1160.	
Food	\$900.	
Labor (cook and cookee)	260.	
Transportation		275.
Fares	30.	
Auto supplies, mostly gas & oil,	95.	
Labor, 2 drivers	150.	
Tools and Camp supplies	<u>400.</u>	\$3900.

The number of trees planted I have taken from records of nursery shipments, which are more reliable than reports of the planting-foremen. While the planting foremen are liable to exaggerate the number of trees, the nursery records are liable to underrun the actual figures from five to ten per cent.

The trees shipped to the Myles Standish State Forest are as follows:-

From Bridgewater, 5-year Scotch,	205,000	
4-year white,	40,000	
Spruce,	1,000	
Austrian,	<u>1,000</u>	247,000
From Barnstable, 4-year white,	120,000	
Red,	<u>6,000</u>	126,000
From Norfolk, 4-year white,	47,000	
4-year red,	<u>10,000</u>	57,000
From the local nursery,		<u>50,000</u>
Complete total,		480,000

The cost per thousand trees, therefore, is over \$8.13. As to the actual area planted, it will take a special investigation, which I plan to make later. The present planting, united with the two hundred thousand trees set in two years ago, completes the reforestation of the available land in the southeast quarter of the forest, amounting to two thousand acres. The land not planted is either covered with heavy, dense scrub oak, or else is so well stocked with pitch pineas to make planting unnecessary. Offhand I should estimate that of the two thousand acres mentioned above one thousand acres are actually reforested, about six hundred and fifty of which were set this year. Of the remaining one thousand acres a careful examination would probably disclose two to three hundred acres available for reforestation in small sections. On an acreage basis the planting has cost \$6. I should not like to have this stand as an official figure, however, without a rough survey of the area actually planted.

It is interesting to investigate the boarding question. I have divided the total cost of board, including food and labor of cooking, by the number of days' labor represented by the boarding men, and find that it came to \$1.20 per day, based on a six-day week. Actually the daily cost was somewhat less than this, because some of the men were boarded seven days per week, and no consideration has been taken of the many meals served to the people from the Boston office who were in charge, or who came to visit the job. I think that the estimated cost of \$7 per week for board will almost cover the cost of this item. It would not have done so, however, if all the men had remained in camp seven days per week as I anticipated they would.

Personally I am not in favor of this wholesale system of tree-planting, and believe that a small crew, -say, twelve men from Carver, will do better and cheaper work than an outside crew. For instance, on the present job we were paying the boarding men at the rate of three to three and a-quarter dollars per day, while the Carver crew were receiving only two dollars and a-half, and on the whole, were setting more trees, and doing it better than the outside crews. It will be impossible to obtain more than a dozen or fifteen men locally, however.

The thanks of the Commission and myself are due Mr. Hutchins and his assistant, Mr. Crowe, who assumed charge of the work when I was badly tied up elsewhere, and made it possible to push it energetically to completion.

The Secretary is receiving many applications for camping permits, especially on the Myles Standish State Forest. It seems to me that we should survey and lay off around College, Charge, and Fearings ponds a number of camp sites. These will be numbered on a plan, and then each site can be assigned to the applicant by number. I suggest that the sites be divided into so-called permanent and temporary, the former to have a frontage of one hundred feet, and the latter fifty feet, on the pond, and all a depth of two hundred feet (one-half and one-fourth acre).

Your Engineer, in concurrence with Mr. Day, believes that the pump and engine should be lowered some feet below the ground surface, so that it will not freeze up in the winter-time. To do this it will be necessary to sink the floor of the present pump-house about five feet and to make it and the retaining-wall of cement. There will be no extra cost beyond the price of material, which I estimate at ten dollars!"

The Secretary, who at the previous meeting had been requested to obtain an opinion from the Attorney-General relative to the right of the Commission to pay a sum in excess of five dollars an acre in certain cases, read a communication received from the Attorney-General, dated June 2, 1919, stating that the Commission had a legal right to pay more than five dollars an acre in any case where it did not force the cost of the entire state forest above an average price of five dollars per acre. Thereupon the Commission V O T E D to settle the claim of Mr. William H. Miner, of Baldwinsville, for the sum of forty dollars, and to advise Mr. Miner to that effect.

The Secretary then submitted letters received from Albert Russell and Sons Company, of Newburyport, dated May 19, 1919, and from the T. F. McCann and Sons Company, of Boston, dated May 23, 1919, quoting prices on three tablets to be placed on state forests, and it was

V O T E D that the Secretary be authorized to order the tablets from the Albert Russell and Sons Company, of Newburyport.

The Commission

V O T E D that the tablet for the Savoy Mountain State Forest be placed near the old house there; the one for the Arthur Wharton Swann State Forest be placed in the field in front of the large house; and that the location of the tablet to be placed at the Harold Parker State Forest will be determined later by the Commission.

The Secretary then submitted a draft of rules and regulations governing the granting of permits for camp sites, and it was finally given to the Chairman for revision.

A letter from Captain John B. Woods, assistant Forester, dated June 1, 1919, was read, and it was

V O T E D to grant the request made by Mrs. Susan R. S. Swann that she be allowed to have the Russian coffee-pot left by her at the Arthur Wharton Swann State Forest, referred to in said letter.

It was

V O T E D that the Engineer cause the land bordering lakes and streams on the Myles Standish State Forest to be staked out into lots for the use of campers.

It was

V O T E D to approve the applications for permits for camp-sites of John W. Downs and Grover C. Hoyt, provided that such permits do not conflict with those already granted to other persons, the permittees to be governed by the rules and regulations which will be prescribed by the State Forester.

The question of placing signs at the Myles Standish State Forest was brought up, and the Engineer reported that he was having signs made at the present time and would see that they were put up in suitable places at once.

On the recommendation of the Engineer, it was

V O T E D that the necessary work of lowering the pump in the Myles Standish State Forest be done by Mr. Day at an estimated expense of fifteen dollars.

It was

V O T E D that Mr. Day, at the Myles Standish State Forest, be directed to do no more repair-work on automobiles other than those belonging to the Commission.

The State Fire Warden, Mr. Hutchins, appeared before the Commission, and stated that he had a fire pump for use on the Myles Standish State Forest, and requested that the Commission purchase hose for it, and it was

V O T E D that if after trial the Engineer is satisfied that the pump will work satisfactorily he is authorized to purchase equipment at a cost not exceeding three hundred dollars.

Adjourned at 12:15 o'clock P.M.

Charles O. Rieky
S e c r e t a r y.

Records of the fifty-first (51st) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, July 9, 1919, at 10:30 A.M.

Present, Messrs. Rane and Whitney. The Chairman was absent, having been called before the Ways and Means Committee.

The records of the previous meeting were read and approved.

The Engineer's report, dated July 1st, was submitted, and read as follows:-

"At the last meeting of the Commission I gave a somewhat detailed statement of the planting costs at Myles Standish State Forest. At this time I will present a summary of all the planting operations.

Myles Standish State Forest

Labor	\$2809.34
Food	935.49
Equipment	210.17
Sundries	14.22
Fares	30.00
	<u>\$3999.22</u>

Planted 480,000 trees, the cost per thousand being \$8.35.

Otter River State Forest

Labor	\$1350.80
Travel	11.50
Equipment	18.36
Teaming	77.00
	<u>\$1457.66</u>

Planted 180,000 trees, the cost per thousand being \$8.10.

Harold Parker State Forest

Labor	\$ 446.75
Equipment	35.54
Teaming	41.42
	<u>\$ 523.71</u>

Planted 47,000 trees, the cost thereof per thousand being \$11.20 per thousand.

Savoy Mountain State Forest

Labor	\$ 707.15
Equipment	25.45
Sundries	.45
Teaming	84.50
	<u>\$ 817.55</u>

Planted 145,000 trees at a cost of \$5.60 per thousand

The total amount expended in planting is \$6,800; the total number of trees set is 855,000; and the average cost figures \$8 per thousand. I believe that I had better take an oath that the above figures are correct to the best of my knowledge and belief, otherwise the agreement between the financial results and my estimate of planting costs will look exceedingly suspicious.

I have two deeds from Savoy, one from the Kmiec property, one hundred and fifty acres, at \$900, and one from Michael Lahey for one hundred and twenty-five acres, \$500. The Kmiec property includes a house and barn, at present occupied and in much better condition than the house we own at present. It is a very essential piece of land for the State to own, as it is in the middle of our present reservation. We have plenty of leeway in which to pay six dollars per acre for this Kmiec land.

We have surveyed the shorelines of College and Fearing ponds, and staked out the camp lots thereon. The back line of these lots has not been surveyed out as yet. Ten lots have already been spoken for, although we have not received the signed applications for all of them."

It was

V O T E D that the above report be accepted and be made a part of the official records.

A letter from Assistant Attorney-General Seagrave relative to land adjoining Purgatory Chasm was read by the Secretary, and it was

V O T E D that the Engineer be instructed to go there and secure definite information relative to the amount of land that can be acquired.

It was

V O T E D that as soon as camp sites have been plotted on the various state forests the Secretary be authorized to grant permits to citizens of Massachusetts in accordance with a previous vote of the Commission

V O T E D that the report of the Engineer, dated July 1st, relative to the purchase of the Kmiec and Lahey properties at Savoy be approved, and that the land be paid for as soon as the necessary papers are passed.

Adjourned at 12 o'clock noon.

C. O. Bailey
S e c r e t a r y.

Records of the fifty-second (52d) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Tuesday, September 9, 1919, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

Chairman Shepard then read a letter he had received from Engineer Haynes relative to resuming his duties with the Commission, dated September 5th. Some discussion followed with regard to the work which should be done on the several state forests during the next two months, and it was

V O T E D that the details of this work should be left in the hands of the State Forester.

Acting on the letter written by Mr. Haynes to Mr. Shepard the following vote was passed.

V O T E D that the Commission instruct its Secretary to answer the letter from F. L. Haynes, dated September 5, to its Chairman as follows: That it agrees with his understanding that upon his return from service in France he takes up his position with the Commission upon the same basis as previously, and to tell him further that the members of the Commission have considered carefully what work it is advantageous to have done upon the several state forests before December 1st, and they have left the details of this work with the State Forester, and it instructs you to call upon him for information and direction for what is to be done.

The question of acquiring land adjacent to Purgatory Chasm was brought up, but no definite action was taken.

Acting-Engineer Cook submitted his report, dated September 9th, which read as follows:-

"Work during the summer months has been along three lines,- clearing roads and fire lines, surveying, and laying out camp sites; also caring for nurseries.

Following an article which appeared in a Sunday paper in regard to the possibility of securing camp sites on the state forests, there came an avalanch of applications, more than two hundred and fifty people sending in their names. We had already surveyed off College Pond, and we immediately surveyed Fearings Pond and Widgeon Pond, so that we have about one hundred and twenty-five sites available for two hundred and fifty applicants. To date, however, only thirty have actually made out the formal application and paid their fee. How many of the remainder will make good on their preliminary application another year is problematical, as it was too late in the season for most of them to make use of the camp sites this summer, but it looks as though there would be a considerable waiting-list for camp sites on the Myles Standish State Forest.

In the nurseries we have transplanted and cared for seven hundred and fifty thousand transplants, divided as follows: Myles Standish State Forest, 250,000; Otter River State Forest, 300,000; Savoy Mountain State Forest, 150,000; and Arthur Wharton Swann Forest, 50,000. The cost of nursery work to date is eighteen hundred dollars.

The boundary-lines and roads at the Myles Standish State Forest have sprouted up badly since first cleared, and are badly in need of mowing, which they are now receiving. Similar work has been done at the Otter River State Forest.

If the Commission desires to expend some of the balance of its appropriation in the purchase of land, I offer a suggestion. What is known as the Lowe Farm, in Colerain, which was purchased under the terms of the reforestation law is now the permanent property of the State. This tract of five hundred acres is one of the best examples of forest planting to be found in the State, and it is my suggestion that it be made into a state forest by adding to it five hundred to one thousand acres. I have made a little investigation of the matter, and feel assured that not less than five hundred acres can be secured.

Another proposition is a tract of land of twenty-five hundred acres in one block in the towns of Granville and Tolland. This can be bought for ten thousand dollars, provided the owner has three years in which to remove the timber. This will cost more than the present balance of the Commission, eight thousand dollars, so that it is perhaps superfluous to mention it at this time.

I should like to say that in addition to securing one additional forest, as suggested, the Commission should clean up the following matters.

It should make a survey and taking of the Harold Parker forest and also one of the Savoy forest, so that these tracts may be legally cleared up before the Commission goes out of existence"

It was

V O T E D that the above report be accepted and be made a part of the official records.

It was

V O T E D that the Commission visit the various forests before the next meeting of the Commission, and that the Secretary be instructed to make up an itinerary and mail a copy to each member of the Commission for his approval.

Adjourned at 12:30 o'clock P. M.

C. O. Bailey
S e c r e t a r y.

Records of the fifty-third (53d) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston Mass., on Tuesday, October 7, 1919, at 10:30 o'clock A.M.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Secretary read a letter from the Commissioners of Fisheries and Game, dated October 6th, relative to the salary of Mr. William Day, superintendent of the Myles Standish State Forest, and it was

V O T E D that when the estimates are submitted, provision be made for increasing the salary of the superintendent.

It was also

V O T E D that the Commission ask in its estimates for thirty thousand dollars for the purchase and maintenance of lands, and one thousand dollars for the expenses of the Commissioners.

The bookkeeper, Miss Hubbard, was instructed to prepare a tentative budget to be submitted to the Commission for its approval.

The question of purchasing more land at Savoy was discussed, but no action was taken by the Commission.

It was

V O T E D that the Commission visit the Myles Standish State Forest on Thursday, October 16th, leaving Boston about three o'clock in the afternoon.

Adjourned at 11:30 o'clock A.M.

C. O. Bailey
S e c r e t a r y.

Records of the fifty-fourth (54th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Wednesday, November 12, 1919, at 10:30 o'clock.

Present, Messrs. Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

Before proceeding with the regular business of the Commission, ex-Senator Cross was called before the Commission, and a discussion was had regarding the Fernald property, and it was finally decided that Senator Cross be requested to see the Fernalds in an effort to determine just what settlement they desired.

Engineer Haynes submitted his report, dated November 10th, which read as follows:-

"It appears from a reading of the records since the inception of the Commission up to and including the meeting in October last that the only unfinished matters to be placed before you for consideration at this time are those involved in establishing the final boundary-lines of the reservations and questions that should be settled in regard to certain interior holdings. Unfortunately, it is not going to be possible, as desired, to leave all reservation matters with which your Commission is interested in a finished condition. The status of the five forests at the present time is as follows.

Arthur Wharton Swann State Forest

The only unfinished matter pertaining to this forest is the signing of the taking submitted at the meeting on September 6, 1918.

Myles Standish State Forest

Complete, with the exception of surveying two parcels of land which may or may not join the present reservation lines at the northeast corner of the reserve. These two parcels of land contain 113 acres, the location of which is not definitely known. On account of the shortage of time it seems unlikely that they can be found and surveyed before December 1st.

The taking of this reservation expired on October 3d last.

Otter River State Forest

Complete, with the exception of (1) signing the taking for the former John Cotton lot. This taking is before you for consideration. (2) Reimbursement or other action in connection with the five-acre parcel of land of Carrie E. Fernald, which is included within the present boundaries of the forest by the taking of 1918.

Harold Parker State Forest

This is the one reservation of the five acquired since 1914 that presents questions for final settlement at this meeting which require especial consideration. This is true for the reason that

in all likelihood, and as far as can now be determined, it is the only reservation that may in the future cause any material trouble and land claims as the result of making a taking. This reservation has from the beginning presented more difficulties in connection with establishing its final boundary-lines than any of the others. As stated in former reports, it is composed of small parcels of land, many of them being disconnected, and having deed descriptions of such indefinite nature that they are of little help. Also, the major portion of the entire tract is composed of very rocky or swale areas which, together with other factors, such as unknown corners and owners, have made it necessary to expend considerable time in survey work. Preliminary surveys of portions of the reservation have been made at three different times during the past three years, and considerable time has been used in looking up owners in attempting to get all acquired parcels connected up, so that the boundaries as a whole should not be badly broken. The total amount of time expended in running preliminary surveys and in looking up owners has not, of course, been without results, but it is certain that all owners and interior lines have not been found. Owing to the expressed disapproval of your Commission at its last meeting to continue expending money on survey work on this reservation, the survey begun on September 15th was ended on October 16th, which was the earliest date possible to leave the lines in a condition possible for a complete boundary description for taking purposes. The exterior boundary-lines of the reservation as they now stand are practically complete and definite. Corners other than stone-wall corners and all open lines have been clearly defined and marked, so that no one should have any difficulty in following the boundaries of the entire reserve. These boundary-lines, with the possible exception of one small parcel, enclose all land purchased by your Commission in connection with the Harold Parker State Forest. It should also be definitely stated here that the lines also inclose seven parcels of land which have not been purchased, the owners of which are known, and who do not care to sell their holdings at five dollars per acre. Also, there is no doubt but that there are other parcels of unpurchased land within the boundary-lines, the owners of which have not as yet been located. It is necessary to have a decision from your Commission in regard to these known or possibly unknown holdings before making out the final taking. In connection with the placing of the boundaries of this reservation, and with due consideration of the time and expense involved in locating lines and owners, and with due respect for any decision your Commission may make in the matter, I desire to have it on record that as engineer for the Commission the closing of a state reservation survey of this kind, and the taking of lands to save survey expense before additional efforts have been made to find owners and lines, is not a line of procedure advocated by the engineer in connection with the Harold Parker State Forest.

An agreement has been had with a Mr. Aubrey Gates, of Danvers, to purchase sixteen acres of land from him for one hundred dollars. This land lies on the Salem and Andover road, and is desirable to have in completing a road boundary. Mr. Gates desires two and one-half years in which to cut and remove the standing wood.

In completing the south boundary of the west parcel of the reservation, agreement has been reached with Mr. Gould, of Ledyard Farm, to run a straight line from Haverhill Street to Skug River, thereby including between eight and nine acres of the Gould land inside of the reservation lines, and will cost to purchase forty or forty-five dollars. A mortgage on Ledyard Farm, the Gould property, is held by the trustees of Andover Academy. It is probable that the trustees will have no objection to the sale of this land, but if so your Commission will be justified in condemning and taking this land, and such action will have the approval of Mr. Gould. The land is of little value, and the acquisition of it will make an excellent boundary-line for the State, and also for Ledyard Farm.

The following lots of land are those inside of the lines whose owners are known.

Fred Davis, five acres.

Mostly small hardwoods of cordwood size and under.
Now partly cut off.

Nathaniel Hill, eleven acres.

Small hardwoods and scattering conifers, cordwood-size and under.

Mrs. C. W. Tucker, eleven acres.

Hardwoods of cordwood size and small pine six to eight inches. Owners desire to hold lot for reasons of sentiment, as the property is the old Tucker homestead.

Eames Lot, about sixteen acres.

Hardwood, of cordwood size, and some log pine.

C. W. Tucker, about ten acres.

Small hardwoods partly burned over.

Mrs. Baker, about ten acres.

Small hardwoods partly burned over.

Twenty acres of hardwoods for sale by George Estes, of Middleton.

A parcel of ten acres of scattering log pine and cordwood size hardwoods, said to be owned by a Mr. Harn-den.

The tablet for this reservation is ready and awaiting the selection of a suitable site by your Commission before placing.

The corners and open lines of the boundaries, as before stated, have been marked by cedar posts. These should last for several years. If it is desired later to mark these points by cement bounds or iron pipes, it can be done, but will be rather expensive, as in many cases rock drilling will be necessary.

Savoy Mountain State Forest

It appears now that the completed boundary survey of this forest cannot be finished by December 1st. Mr. Morris was detailed by Mr. Rane in October to run the Savoy survey, and it

was thought there was sufficient time in which to complete it. Mr. Morris, however, reported shortly after the survey began unexpected difficulty in finding some of the lot lines, thereby requiring a longer time than at first thought necessary. On October 5th Mr. Morris reported that a severe storm was under way in Savoy, a foot of snow on the ground, and conditions were such that he could not proceed further with the work at that time. It seems probable that from now on the weather conditions in the Savoy region are likely to be such that surveying work will be more or less difficult and unsatisfactory.

It is, of course, unfortunate that the taking sheets and plan of this forest can probably not be made before December 1st next, but the Savoy forest area is made up of so few parcels of land, all of which have been acquired by purchase, and all adjoining each other, that the taking, whenever made, is unlikely to involve any future troubles of any kind.

The amount of funds on hand on November 12th is \$3,842.05."

It was

V O T E D that the above report be accepted and be made a part of the official records.

Chairman Shepard made a partial report with respect to the taking of the Arthur Wharton Swann State Forest, and stated that he had attempted to have an interview with the Attorney-General, but because of the intervening holiday had failed to do so, but that the matter would be adjusted very soon.

The Engineer was instructed to locate, when time permits, the two lots of land lying adjacent to the present reservation in Plymouth County, and to see that they are properly marked.

The taking and plan of the John Cotton lot on the Otter River State Forest were presented to the Commission and signed by them and the following vote was passed in connection therewith:-

Whereas the undersigned, duly appointed and qualified as the State Forest Commission, under and by virtue of the provisions of an act of the Legislature of the Commonwealth of Massachusetts entitled, "An Act to Authorize the State Forest Commission to Take Land and to Sell or Exchange Unsuitable Land," being Chapter 136 of the Acts of 1916, deem it desirable and expedient to take the lands and rights in land hereinafter described for the purposes and under the powers and limitations set forth in said act and in Chapter 720, Acts of 1914.

Now, therefore, we, the said State Forest Commission, by virtue of the authority conferred upon us by said acts and of any and every other power and authority us hereto in any wise enabling, have taken and do hereby take in fee simple in the name of the Commonwealth of Massachusetts, and for the benefit of said Commonwealth and the inhabitants thereof, in the manner prescribed in and by said acts and for all the purposes therein provided, the lands and rights in land, and all easements, privileges, and appurtenances of every name and nature thereto belonging, being a parcel of land lying in the Township of Templeton, in the County of Worcester, and shown on plan marked "Otter River State Forest," a copy of which plan is to be recorded herewith, and a

duplicate of which is on file in the official archives of said Commission, to which plan reference is hereby expressly made, and bounded and described as follows, to wit:-

Beginning at a point north $72^{\circ} 30'$ west twenty and one-tenth (20.1) feet from the stake and stones between corners six and seven referred to in the description of Parcel B in the 1918 taking of the Otter River State Forest, said point being marked at present with a granite monument, and designated as Corner No. 1 of Parcel H upon the submitted plan; thence south $55^{\circ} 15'$ west nine hundred ninety (990) feet to an iron pipe and stones, Corner No. 2; thence south 61° west two hundred and thirty-eight (238) feet to a granite monument, Corner No. 3; thence south $36^{\circ} 45'$ east three hundred fifty-five and seven-tenths (355.7) feet to a granite monument, Corner No. 4; thence south $60^{\circ} 30'$ west nine hundred ninety-four and four-tenths (994.4) feet to a granite monument, Corner No. 5; thence south $29^{\circ} 15'$ east fourteen hundred sixty-six and three-tenths (1466.3) feet to a granite monument situated in the north wall of the highway running between Baldwinsville and South Royalston, Corner No. 6; thence by the courses of the above-mentioned highway in a north-westerly direction thirteen hundred ninety-one (1391) feet to a granite monument situated on the north line of said highway, Corner No. 7; thence north $0^{\circ} 15'$ east fourteen hundred forty-six (1446) feet to a stone monument and stones, Corner No. 8; thence north $89^{\circ} 45'$ east eight hundred thirty-six and six-tenths (836.6) feet to a granite monument, Corner No. 9; thence north $0^{\circ} 15'$ east nine hundred twenty (920) feet to an iron pipe and stones, Corner No. 10, said pipe and stones being situated south $72^{\circ} 30'$ east fifty-seven (57) feet from Corner No. 6, referred to in the 1918 taking of Parcel B; thence south $72^{\circ} 30'$ east along the south line of Parcel B, thirteen hundred twenty (1320) feet to Corner No. 1, the point of beginning; and containing fifty-five acres of land, more or less.

Intending to take, and hereby taking, in fee simple the above-described tract of land, however otherwise bounded and described, and be said measurements, or any of them, more or less.

The taking of the Harold Parker State Forest was discussed at some length, and it was finally

V O T E D that a taking be made according to the present boundaries as marked, but that all interior parcels whose owners are known should be excluded from said taking.

The question of purchasing the Gates land at the Harold Parker State Forest was next discussed, and it was

V O T E D to purchase sixteen acres, the price not to exceed One hundred dollars.

It was

V O T E D to include within the boundaries of the Harold Parker State Forest that portion of the Ledyard Farm property lying on the north side of the state line from Haverhill Street to Skug River.

The following action was then taken with regard to the placing of tablets at the state forests.

V O T E D that the tablet at the Savoy Mountain State Forest be placed on a suitable boulder on the Savoy Center Road near the

junction of the road leading to the observation tower.

With regard to the Harold Parker State Forest tablet it was V O T E D to visit the forest on Tuesday, November 18th, in order to determine the location, and to invite Mrs. Parker, the widow of the late Harold Parker, to accompany the Commission, the various members to meet at the Andover Inn, Andover, at 12:30 o'clock on the above date.

At the Arthur Wharton State Forest it was V O T E D to place the tablet on the large boulder directly in front of the bungalow, as had previously been decided.

With regard to the camp site of the Appalachian Mountain Club at College Pond, Myles Standish State Forest, Chairman Shepard reported verbally that the matter had already been approved by one committee of the club and would undoubtedly receive favorable action by another committee, which, under their constitution and by-laws is required to pass upon it.

The Chairman also read such portion of the annual report as he had written up to date, and stated that the completed report would be forwarded some time later for the approval of the other two members of the Commission.

Adjourned at 1 o'clock P.M.

Charles O. Bailey
S e c r e t a r y.

Records of the fifty-fifth (55th) meeting of the State Forest Commission.

Pursuant to a vote previously taken, the Commission held a special meeting at the Harold Parker State Forest on November 18th, all members being present, at which meeting it was

V O T E D to include in the taking of this reservation two parcels of land owned by a Mrs. Baker and C. W. Tucker, respectively.

This action reversed a vote taken at the regular meeting of the Commission in November, when the Commission voted not to include in the taking parcels of land where the owners were known.

Charles O. Bailey
S e c r e t a r y.

Records of the fifty-sixth (56th) meeting of the State Forest Commission, held at the office of the State Forester, Room 410, State House, Boston, Mass., on Friday, November 28th, 1919.

Present, Messrs, Shepard, Rane, and Whitney.

The records of the previous meeting were read and approved.

The Secretary read a written communication from ex-Senator Fred W. Cross, dated November 18th, relative to the Fernald property at the Otter River State Forest, and after some discussion, it was

V O T E D that the Commission recommend to its successor in office that fifty dollars and five years' use of the property be given for the property.

Mr. Shepard reported that the council of the Appalachian Mountain Club held their meeting recently and took action relative to the camp site at College Pond, Myles Standish State Forest, a report of which action he would send to the Secretary within a few days.

The Chairman reported relative to the taking of the Arthur Wharton Swann State Forest that after going over the matter very carefully with the Attorney-General he had been advised by that official that because of the fact that certain provisions contained in the deed of gift would be invalidated he would advise the Commission not to make the taking, and the Commission so voted.

Engineer Haynes submitted his report, dated November 28, 1919, which read as follows:-

"There are but few matters to report upon at this meeting. Since the last meeting the major portion of the time has been used in attempting to get the taking sheets of the Harold Parker State Forest, together with the plan, ready for your approval. However, neither the entire boundary description nor plan are quite complete at this time. The taking sheets for the east parcel are finished, but it was considered advisable not to make out the taking for the west parcel until your Commission had further considered the south line of it as it now stands. A letter from Mr. J. A. Gould with reference to this line is before you for consideration.

In connection with a taking of the west parcel it was agreed at the recent meeting of your Commission at the Harold Parker forest on November 18th that the two parcels of land owned by Mrs. Baker and Mr. C. W. Tucker situated at the north end of the parcel should be included in the taking. Pursuant to the verbal agreement of November 18th these lots will, therefore, be included when the taking-sheets are made out.

The tablet for the Harold Parker State Forest has been put in place at the site selected by Mrs. Parker on November 18th. Mr. John W. Newall, of Lawrence, had charge of the work of placing.

A small amount of swale hay cut on the state land last summer

was sold to Mr. Welch, of North Reading, for five dollars, which has been turned over to the bookkeeper.

The amount of funds left on hand on this date is \$2438."

It was

V O T E D that the above report be accepted and be made a part of the official records.

The Engineer also read a letter he had received from Mr. J. H. Gould, dated November 17th, stating that in the opinion of the attorney for the trustees of Phillips Academy it would cost as much to straighten out the deeds and legal work necessary in connection with the boundary-lines in question as would be received through the sale of lands to the State. After consideration of this letter the Commission

V O T E D not to rescind its former action in connection with the boundary-lines in question by which a portion of the Gould lands would be included in the taking.

After reading the proposed annual report of the Commission to the General Court showing that the expenditures for the year have been Twenty-two thousand, eight hundred ten dollars and thrity-eight cents (\$22,810.38),

The Motion Prevailed that the report be approved.

Adjourned sine die.



S e c r e t a r y.



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